The ELECTRICAL REVIEW

TRADE NAMES SUPPLEMENT

DECEMBER 25th, 1931.

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THE "ELECTRICAL REVIEW" TRADE NAMES SUPPLEMENT.

Name and Description.	Manufactured by or Obtainable from
ABBOTT BRAND Empire cloths and tapes in silk and cambric, pressphan, leatheroid, &c.	Abbott, Anderson & Abbott, Ltd., 17, Fore St., E.C.2.
ACCIDENT PROOF Automatic electric safety kettles ...	Premier Electric Heaters, Ltd., Keeley St. and St. Andrew's Rd., Birmingham.
ACE Insulating material	American Hard Rubber Co. (Britain), Ltd., 95, Hatton Garden, E.C.1.
ACE Glassware for enclosing fittings ...	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
A.C.E.C. Cables, electrical machinery, transformers	A.C.E.C., 56, Victoria St., London, S.W.1.
ACME Automatic time switches, Goliath and Edison screw lamp holders, lanterns for street lighting	The "Acme" Lighting & Engineering Co., Waverley Rd., St. Albans, Herts.
ACME Motor starting switches	Acme Electrical Mfg. Co., Tariff Rd., N.17.
AD Primary cells	Le Carbone, Ltd., Coventry House, South Place, E.C.2.
ADANAC Switch with fuses	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
ADAPTABLE Earthing clip	Hann & Ingle, 13, Albert Place, Bridge St., Manchester.
ADJUSTABLE Adaptor (two pin to B.C.)	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
ADNIL Press-button switches of "ebolite"	S. G. Leach & Co., Ltd., 26-30, Artillery Lane, E.1.
AEROFLEX High rupturing capacity fuses and distribution boards	Parmiter, Hope & Sugden, Ltd., Fluvent Electrical Works, Vernon St., Longsight, Manchester.
AJAX-NORTHRUP Electric furnace, high frequency, induction type for steel, nickel alloys, platinum, &c.	Electric Furnace Co., Ltd., 17, Victoria St., S.W.1.
AJAX-WYATT Electric furnace, induction type, for brass, nickel-silver and other copper alloys	Electric Furnace Co., Ltd., 17, Victoria St., S.W.1.
ALTON Storage batteries	The Alton Battery Co., Ltd., Alton, Hants.
ANCALITE Electric cables for railway signalling work	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
ANCHOR Black adhesive tape	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
ANCHORA Poles (wood) for transmission ...	Armstrong, Addison & Co., 17, North Bridge St., Sunderland.
ANTI-SULPHURIC Enamel	Griffiths Bros. & Co., London, Ltd., Macks Rd., S.E.16.
APEX Ironclad switch and fusegear ...	Foster Engineering Co., Ltd., Apex Works, South Wimbledon, S.W.19.
ARGENTA Lamps (opal)	Philips Lamps, Ltd., 145, Charing Cross Rd., W.C.2.
ARLITA Lamps (pearl)	Philips Lamps, Ltd., 145, Charing Cross Rd., W.C.2.
ARMACELL Insulating varnish	Griffiths Bros. & Co., London, Ltd., Macks Rd., S.E.16.
ARON Electricity meters, kVA and kW M.D.I.'s, time switches, taximeters, &c.	Aron Electricity Meter, Ltd., 80, Salusbury Rd., Kilburn, N.W.6.
ARORA Electric fires, electric kettles, electrical cooking apparatus, industrial electric heaters	Arora Co., 66, Rosebery St., Loughborough, Leicestershire.
ARROW Switchgear, wiring devices ...	Arrow Electric Switches, Ltd., 79, Gt. Queen St., Kingsway, W.C.2.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
ARTIC Pressure contact self-aligning fuse gear, electro-velocity circle-glow electric fires, anti-vibration electric light fittings	Artic Fuse & Electrical Mnfg. Co., Ltd., Birtley, Co. Durham.
ARTOFEX Electric ovens for bakers and flour confectioners	Artofex Eng. Works, Ltd., 6-8, Pentonville Rd., N.1.
ASEA Single, two- and three-phase a.c. motors and generators, direct current motors and dynamos, transformers	Asea Electric, Ltd., 5, Chancery Lane, W.C.2.
ASHDOWN Bakelite mouldings of every description	H. E. Ashdown (Birmingham), Ltd., Perry Barr, Birmingham.
ASTON Motors, dynamos, and switchgear for commercial and marine use	Veritys, Ltd., Plume Works, Aston, Birmingham.
A.T.M. IN CIRCLE Telephone, telegraph, and signalling equipment	Automatic Telephone Mfg. Co., Ltd., Strowger Works, Milton Rd., Edge Lane, Liverpool.
AUSTINLITE Automatic generating and pumping gear, &c.	Austinlite, Ltd., Lighthouse Works, Smethwick, Birmingham.
AUTONOFF Time switch	Venner Time Switches, Ltd., Kingston By-Pass Rd., New Malden, Surrey.
AVERY Automatic boiler scales, automatic weighers and totalisers, automatic coal weighers	W. & T. Avery, Ltd., Soho Foundry, Birmingham.
AVERY Automatic weighers for steam condensate, automatic weighers, all types of weighing, counting, testing and mixing machines	W. & T. Avery, Ltd., Soho Foundry, Birmingham.
AVOMETER Electrical measuring instrument ...	The Automatic Coil Winder & Electrical Equipment Co., Ltd., Winder House, Douglas St., S.W.1.
BAA Accumulator acid	F. W. Berk & Co., Ltd., 106, Fenchurch St., E.C.3.
BAKELAQUE Insulating material	Attwater & Sons, Hopwood St. Mills, Preston.
BAKELITE Moulding materials, laminated sheets, varnishes, &c.	Bakelite, Ltd., 68, Victoria St., S.W.1.
BAKELITE Synthetic resins, cement, silent gear material, &c.	Bakelite, Ltd., 68, Victoria St., S.W.1.
BAKELITE Insulating varnish	Attwater & Sons, Hopwood St. Mills, Preston.
BAKELITE Mouldings and insulating material	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
BAKELITE Mouldings and insulating materials	The Brownie Wireless Co. of Great Britain, Ltd., Nelson St Works, Mornington Crescent, N.W.1.
BAKELITE Mouldings and insulating materials	Thomas de la Rue & Co., Ltd., Shernhall St., Walthamstow, E.17.
BALLSOK Admiralty pattern insulating beads	Lionel Robinson & Co., 3, Staple Inn, W.C.1.
BANDY Electric fans	Berkeley & Young, Ltd., Tyseley, Birmingham.
BARDISK Electric bell indicators, motor vehicle indicators, road traffic signals	S. Taylor & Sons, 38a, St. Martin's Lane, W.C.2.
BATTERSEA Carbon brushes	Morgan Crucible Co., Ltd., Battersea Works, Church Rd., S.W.11.
BATWIN Small motors	Power Contracts (Batwin), Ltd., 138, Southwark St., S.E.1.
B.C.M./A.T.M. Telephone and telegraph equipment, electric heating and cooking appliances, mine signalling apparatus	Automatic Telephone Mfg. Co., Ltd., Strowger Works, Milton Rd., Edge Lane, Liverpool.
BEANCO Switches	Baxendale & Co., Ltd., Miller St., Manchester.
BEANCO Dry cells	Baxendale & Co., Ltd., Miller St., Manchester.
BEANCO Lampholders	Baxendale & Co., Ltd., Miller St., Manchester.
B.E.C. Motors, starting gear, controllers ...	British Electric Co., 25-29, Lower Rd., Rotherhithe, S.E.16.
BEEANTEE Bakelite interchangeable strip lighting holders—no tools, screws, or cutting required.	The "Beeantee" Illuminations, Ltd., 70, Banner St., London, E.C.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
B.E.L.L. Gasfilled lamps, decorative lamps, special lamps	British Electric Lamps, Ltd., Spencer Hill Rd., S.W.19.
BELLEROID Insulators	Barrett & Elers, Ltd., Dace Rd., E.3.
B.E.M. Motors	Brittain's Electric Motor Co., formerly Langdon-Davies Elec. Motor Co., Eastdown Works, Dermody Rd., Lewisham, S.E.13.
BERGMANN Fans, motors, cables	The Bergmann Electric Co., Ltd., 82, Victoria St., S.W.1.
BERRY Transformers	British Electric Transformer Co., Ltd., Hayes, Middlesex.
BERRYL Radiator	Berry's Electric (1928), Ltd., 85-6, Newman St., W.1.
BIMETAL Non-oxidising, non-arcing fuse wire	Parmiter, Hope & Sugden, Ltd., Fluvent Electrical Works, Vernon St., Longsight, Manchester.
BIRKA Automatic "Super-Smoothwell" irons	Premier Electric Heaters, Ltd., Keeley St. and St. Andrew's Rd., Birmingham.
BIRLEC Electric resistance furnaces for all heat treatment processes, low-temperature melting, etc.	Birmingham Electric Furnaces, Ltd., Birlec Works, Tyburn Rd., Erdington, Birmingham.
BLACKFRIARS Adhesive tape	Spicers, Ltd., 19, New Bridge St., E.C.4.
BLACKLEY Tape	Connolly's (Blackley), Ltd., Blackley, Manchester.
BLACO Steel conduit fittings	F. C. Blackwell & Co., Ltd., Great Crosby, Liverpool.
BLAIZOLITE Adjustable patent projector lantern	Norrington & Landon, Ltd., 33, Brazennose St., Manchester.
BLAKE Insulated staples	Mosses & Mitchell, Ltd., Chiswell Works, 60-64, Ironmonger Row, E.C.1.
BLUE LABEL Dry cell	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
BONDIT Special bonded wiring system and fittings	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
BOREAS Air compressors, vacuum pumps, pneumatic equipment	Lacy-Hulbert & Co., Ltd., Boreas Works, Beddington, Croydon.
BOTRADE I.C. switches and distribution boards	S. Bill & Co., Ltd., Queen's Rd., Aston, Birmingham.
BRIGHTRAY Nickel-chromium resistance wires and tapes for elements in electric furnaces, fires, &c.	Henry Wiggin & Co., Ltd., Wiggin St., Birmingham.
BRITANNIA Stationary lead accumulators for all purposes, accumulators for electric vehicles, motor-car and motor-cycle starting and lighting batteries	Britannia Batteries, Ltd., Britannia House, 233, Shaftesbury Avenue, W.C.2.
BRITMAC Electrical accessories	C. H. Parsons, Ltd., Britannia Works, Tyseley, Birmingham.
BRITTAIN Motors	Brittain's Electric Motor Co., formerly Langdon-Davies Elec. Motor Co., Eastdown Works, Dermody Rd., Lewisham, S.E.13.
BRUCE Street lighting lantern	The Wardle Engg. Co., Ltd., Elsinore Rd., Old Trafford, Manchester.
BRUSH Tramcars, tramcar trucks, motor-'bus bodies	The Brush Electrical Engineering Co., Ltd., Falcon Works, Loughborough.
BRUSH Transformers, motors and generators, liquid starters	The Brush Electrical Engineering Co., Ltd., Falcon Works, Loughborough.
BRUSH-LJUNGSTROM Steam turbo-generators	The Brush Electrical Engineering Co., Ltd., Falcon Works, Loughborough.
B.T.H. Electrical equipment	British Thomson-Houston Co., Ltd., Rugby.
BULL Motors and dynamos	Bull Motors, Ltd., Ipswich, England.
BUSY BEE Refrigerator	Drake & Gorham Wholesale, Ltd., 77, Long Acre, W.C.2.
BUSY BEE Vacuum cleaner	Drake & Gorham Wholesale, Ltd., 77, Long Acre, W.C.2.
B & Y Electric fans and small motors ...	Berkeley & Young, Ltd., Tyseley, Birmingham.
CABLEGRIP Cable boxes	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
CAB-TYRE Electric cables	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
CAB TYRE Cab tire sheathed wires and cables of all types	St. Helens Cable & Rubber Co., Ltd., Slough.
CAB TYRE Electrical cables	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
CAB TYRE Cab-tire sheathed wires and cables of all types	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
CAB TYRE Cab-tyre sheathed cables and wires	Siemens Bros. & Co., Ltd., Woolwich, S.E.18.
CABTYRIT Corrosion-resisting rubber	St. Helens Cable & Rubber Co., Ltd., Slough.
CADURO Cadmium copper wire for trolley and transmission purposes	Richard Johnson & Nephew, Ltd., Bradford Iron Works, Manchester.
CALLENDER Feeder and transformer pillars, joint box compounds, disconnecting joint boxes	Callender's Cable & Construction Co., Ltd., Hamilton House, E.C.4.
CALLENDER Electric cables of all types	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
CAMBRIDGE Instruments	Cambridge Instrument Co., Ltd., 45, Grosvenor Place, S.W.1.
CANVARY Electric water heater	Berry's Electric, Ltd., 85-6, Newman St., W.1.
CARRON Fires, domestic and heavy cooking appliances, irons, &c.	Carron Company, Carron, Falkirk.
CASTLE Dynamos, motors, switchgear ...	J. H. Holmes & Co., Ltd., North Drive, Hebburn-on-Tyne.
CECIL Resistances, dimmers for theatres and cinemas, battery charging apparatus	Mansell & Ogan, Ltd., 15-16, Floral St., Covent Garden W.C.2.
CELEC Sliding resistances, dimmers, cinema resistances, and charging boards	Curtis Mfg. Co., Ltd., Conduit Place, W.2.
CENTURY Single-phase repulsion induction motors, two- and three-phase automatic start motors, fractional h.p. split phase motors	Asea Electric, Ltd., 5, Chancery Lane, W.C.2.
CENTURY D.c. volt-ammeter test set ...	Elliott Bros. (London), Ltd., Century Works, Lewisham, S.E.13.
C. & H. Electricity meters and instrument transformers	Chamberlain & Hookham, Ltd., Solar Works, New Bartholomew St., Birmingham.
C.H. Hand-operated and self-acting electric motor controlling apparatus and wireless components	Igranic Electric Co., Ltd., 149, Queen Victoria St., E.C.4.
CHANGE COIL Multi-range electrical testing set ...	Record Electrical Co., Ltd., Broadheath, Altrincham, Cheshire.
CHROMALOX Electric heating units	Geo. Bray & Co., Ltd., Leeds.
CIRSCALE Electrical measuring instruments ...	Record Electrical Co., Ltd., Broadheath, Altrincham, Cheshire.
CITY Motors, a.c. and d.c.	City Electrical Co., 1, Emerald St., W.C.1.
CLARITONE Loudspeakers and headphones ...	Automatic Telephone Mfg. Co., Ltd., Milton Rd., Edge Lane, Liverpool.
CLASSIC Pulpit, lectern, piano, organ and piano fittings	The Lodge Fittings Co., Ltd., 57, Albert Rd., Aston, Birmingham.
CLIFTEX Insulating tape	Mosses & Mitchell, Ltd., Chiswell Works, 60-64, Ironmonger Row, E.C.1.
COFFIELD Washing machines	White Tile Heaters, Ltd., Clementhorpe Works, off Charlton St., York.
COLECTRIC A system of heating combining central heating with electricity for topping up	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
COLUMBUS Automatic time-lag switches for staircase lighting, etc.	Elkay Electrical Manufacturing Co., Ltd., 4, Southampton Row, W.C.1.
CONCORD Wires and cables	Concordia Electric Wire Co., Ltd., Trent Mills, New Sawley, near Nottingham.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
CONRADTYS Carbons, arc lighting and medical	Sloan Elecl. Co., Ltd., 8-12, Golden Lane, E.C.1.
CONRADTYS Carbon brushes	Sloan Elecl. Co., Ltd., 8-12, Golden Lane, E.C.1.
CONSTELLARAY Floodlight fittings	Central Electrical Engineers' Assoc., Supply, Ltd., 193, Bethnal Green Rd., E.2.
COSMOS Lamps	Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester.
COSYGLO Imitation coal fires	Automatic Telephone Mfg. Co., Ltd., Strowger Works, Milton Rd., Edge Lane, Liverpool.
COUNTESS Electric fires	Premier Electric Heaters, Ltd., Premier Works, St. Andrew's Rd., Birmingham.
CRABTREE (Regd.) Switches, accessories and switchgear	J. A. Crabtree & Co., Ltd., Lincoln Works, Walsall.
CRACORE Twin and three-core solid bitumen cables, cab tire sheathed trailing cables	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
CREDA Cooking, heating and water heating apparatus	Credenda Conduits Co., Ltd., Oldbury, Birmingham.
CRESSALL Resistance nets, regulators, sliding resistances, steel jacketed unit heaters	Cressall Mfg. Co., Eclipse Works, 31 & 32, Tower St., Birmingham.
CROYDON High-grade fractional h.p. electric motors	The Croydon Engg. Co., Ltd., 80, Gloucester Rd., Croydon.
CRYPTO Generators and motors (a.c. and d.c.), constant potential equipments, commutating rectifiers, cinema arc sets, &c.	The Crypto Electrical Co., Ltd., Acton Lane, Willesden, London, N.W.10, associated with The Lancashire Dynamo & Motor Co., Ltd., Trafford Park, Manchester.
CRYSELCO Electric lamps	Cryselco, Ltd., Kempston Works, Bedford.
C.T.S. Electrical cables	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
C.T.S. Cab tyre sheathed wires and cables of all types	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
C.T.S. Cab-tire sheathed wires and cables	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
C.T.S. Cab tyre sheathed cables and wires	Siemens Bros. & Co., Ltd., Woolwich, S.E.18.
CUMULUS Electric water heaters	Nathan & Allen, Ltd., 25, Victoria St., London, S.W.1.
DAGENHAM Metal sheathed surface wiring system	The Union Cable Co., Ltd., Dagenham Dock, Essex.
DAMARDA Lacquer	Bakelite, Ltd., 68, Victoria St., S.W.1.
DAMPER Fuses	Dorman & Smith, Ltd., Ordsal Electrical Works, Salford, Manchester.
DAVENSET Commercial accumulator charging plants for A.C. Mains, static rectifiers, mains transformers, and power smoothing chokes	Partridge, Wilson & Co., Davenset Works, Evington Valley Rd., Leicester.
DAVIDSON Electric irons, fires, kettles and cookers	Berkeley & Young, Ltd., Tyseley, Birmingham.
DECO Patent limit switches, cable reeling drums, and special control devices for handling plants	Dalyte Electrical Co., Deco Engg. Works, West Row, N. Kensington, W.10.
DE LAVAL Centrifugal oil purifiers, non-aerating oil purifiers, high voltage oil testing sets.	Alfa-Laval Co., Ltd., 34, Grosvenor Rd., London, S.W.1.
DESCO Fuses, distribution gear and switchboards	G. P. Dennis, Ltd., 66, South John St., Liverpool.
DIAMOND H. Reciprocating heater switches, rotary switches, all types, temperature control apparatus	Hart Manufacturing Co., 76-76b, Rochester Row, S.W.1.
DIATRINE Diatrine paper-insulated cable ...	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
DICTOGRAPH Loud speaking intercommunicating and automatic telephone	Dictograph Telephones, Ltd., Abbey House, Westminster, S.W.1.
DOLPHIN Electric cookers, fires and other domestic electric appliances	Domestic Electrification, Ltd., Townsend House, Greycoat Place, Westminster, S.W.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
DOMINO Flat two-pin and two-pin "earth" extension connectors	A. P. Lundberg & Sons, Ltd., Pioneer Elecl. Wks., Paradise Passage, Sheringham Rd., N.7.
DOUGLAS Automatic coil winder	The Automatic Coil Winder & Electrical Equipment Co., Ltd., Winder House, Douglas St., S.W.1.
DOWSING'S Electric heating and medical appliances	Dowsing Radiant Heat Co., Ltd., Bollo Lane, Acton, W.3, and 91-3, Baker St., W.1.
D.P. Storage batteries	The D.P. Battery Co., Ltd., Bakewell, Derbyshire.
DRAGOR High and low tension switchgear	Drake & Gorham, Ltd., Standard Rd., North Acton, N.W.10.
DRAKA Cables	Electric Cables, Ltd., 25, Old St., E.C.1.
DRYDEX Dry batteries for wireless, pocket lamps, bells, &c.	The Chloride Electrical Storage Co., Ltd., Exide Works, Clifton Junction, near Manchester.
D & S Switchboards, switch, and fuse gear	Dorman & Smith, Ltd., Ordsal Electrical Works, Salford, Manchester.
DUDLO Enamelled wire	L.P.S. Electrical Co., Ltd., Ealing Rd., Alperton, Middlesex.
DUETTE All insulated fuseboards	Midland Elec. Manufacturing Co., Ltd., Barford St., Birmingham.
DUFLEX Control of pendulums in existing turret clocks	Gent & Co., Ltd., Faraday Works, Leicester.
DUGDILL'S Movable, focusing, self-sustaining electric lighting fittings	John Dugdill & Co., Ltd., Hazel Grove, near Stockport.
DULRAE Electric warming panels	Dulrae Manufacturing Co., Ltd., 4, Bloomsbury Place, W.C.1.
DUNDEE Adhesive protecting tape	William Geipel, Ltd., Vulcan Works, 156-170, Bermondsey St., S.E.1.
DUO-SAVELITE Double filament lamp	Philips Lamps, Ltd., 145, Charing Cross Rd., W.C.2.
DUPLEX Electric floor polisher, Portable electric sander, Appliances for hairdressers	Electrona Electrical Products, Ltd., Friday St., Manchester.
DUPLEX Two-way tumbler switch with "off" position	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
DUREX Electric wiring system for C.T.S. or L.C. cables	Simplex Conduits, Ltd., Garrison Lane, Birmingham.
DYNAMEG Testing sets and fault finders ...	Dynameg, Ltd., 41, Oriel Rd., Bootle, Liverpool.
E Switchgear and control gear, &c.	Geo. Ellison, Ltd., Perry Barr, Birmingham.
EBOLITE Standards, switches and wall-brackets, press-button design	S. G. Leach & Co., Ltd., 26-30, Artillery Lane, E.1.
EDDO Electric fires, irons, kettles, &c. ...	H. G. Moseley & Co., Ltd., Eddo Works, Hospital St., Birmingham.
EDGEWISE Narrow flush single-way, two-way, two-way and off, &c., switches	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
EDISON SWAN Cables	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
EDISWAN Lighting appliances, wiring accessories, and wiring systems	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
EDISWAN Electro-medical and ultra-violet ray apparatus	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
EDISWAN Radio valves and apparatus ...	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
EDISWAN Accumulators and batteries ...	Edison Swan Electric Co., Ltd., Ponders End, Middlesex.
EDISWAN Electric domestic appliances and vacuum cleaners	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
EDISWAN Fans	Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
EDISWAN JUNIOR Pressed metal switches	Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
EFCO Resistance furnaces for heat treatment of metals, pottery kilns, low-temperature pot furnaces for melting, &c.	Electric Resistance Furnace Co., Ltd., 17, Victoria St., S.W.1.
EFESCA Cookers, heaters, switches ...	Falk, Stadelmann & Co., Ltd., Efesca Electrical Works, 83-93, Farringdon Rd., E.C.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
ELASTUMEN Cable	Johnson & Phillips, Ltd., Charlton, S.E.
ELECTRICOAL (HEATRAE) Imitation coal fires	Electric Fires, Ltd., Heatrae Works, Norwich.
ELECTRIC TRANSMISSION Transmission line accessories, bushings, pole top switchgear	Electric Transmission, Ltd., Culford Works, Kingsbury Rd., Islington, N.1.
ELECTROFLO Industrial instruments	Electroflo Meters Co., Ltd., Abbey Rd., Park Royal, N.W.10.
ELECTRO-VAPOUR Radiators	Benham & Sons, Ltd., 66, Wigmore St., W.1.
ELEPHANTIDE Insulating pressboards	B. S. & W. Whiteley, Ltd., Pool-in-Wharfedale, Nr. Leeds.
ELGEE Electricity meters, time switches, and instrument transformers	Landis & Gyr, Ltd., Elgee Works, Victoria Rd., North Acton, W.3.
ELIMAFUSE Small circuit breakers for lighting, heating and power circuits	Industry & Commerce Alliance, Ltd., Aldwych House, Aldwych, W.C.2.
ELIMINAIR Feed water deaerator	Richardsons, Westgarth & Co., Ltd., Hartlepool.
ELIXUM Service cut-outs, service joint boxes, feeder pillars, &c.	Sykes & Dyson, Ltd., Queen's Mill Rd., Huddersfield.
ELLIOTT Electrical measuring instruments of all kinds	Elliott Bros. (London), Ltd., Century Works, Lewisham, S.E.13.
ELLISON Circuit breakers and switchgear ...	Geo. Ellison, Ltd., Perry Barr, Birmingham.
ELLISON Plastic insulating compound ...	Ellison Insulations, Ltd., Perry Barr, Birmingham.
ELLMAR Bakelite mouldings for insulating and all electrical requirements	The Ellmar Mouldings Co., Thimble Mill Lane, Birmingham.
ELMANCO Square universal house wiring box for lead-covered systems	Baxter & Caunter, Ltd., 219, Tottenham Court Rd., W.1.
ELMITE Circular moulded universal wiring box for use with C.T.S. cables	Baxter & Caunter, Ltd., 219, Tottenham Court Rd., W.1.
EMPIRE Insulating cloth and tape	Attwater & Sons, Hopwood Street Mills, Preston.
EMPIRE Insulating materials, insulating cloths, tapes, etc.	The Micanite & Insulators, Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
EMPIRE Silks, papers and tubes	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
ENA Electrical heating apparatus and elements	Ena Electrical Appliances, Ltd., Ena Works, 30, Church Rd., N.1.
ENDOLAC High grade black spirit insulating varnish for finishing coat on armatures and fields	Pinchin, Johnson & Co., Ltd., General Bldgs., Aldwych, W.C.2.
ENDURAL Special cables and compound ...	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
ENFIELD Cables	The Enfield Cable Works, Ltd., Lincoln House, 296-302, High Holborn, W.C.1.
ENSIGN Lampholders, wall plugs, &c. ...	General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.
E.P.S. Accumulators	Pritchett & Gold & E.P.S. Co., Ltd., 50, Grosvenor Gdns., S.W.1.
EQUATORIAL Cable	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
EQUILUXO A special type of glassware ...	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
ESLA Street-lighting "Bi-multi" reflectors	Electric Street Lighting Apparatus Co., The Foundry, Canterbury.
ESSELL Insulating varnished cloth, papers, tapes, &c.	Spicers, Ltd., 19, New Bridge St., E.C.4.
EUREKA Electric vacuum cleaners	Eureka Vacuum Cleaner Co., Ltd., 8, Fisher St., Southampton Row, W.C.1.
EVER READY Dry cells, batteries, and electric lamps (portable)	Ever Ready Co. (Great Britain), Ltd., Hercules Place, N.
EXALT Switches, switch-plugs, &c. ...	General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.
EXAUTO Time switch	Venner Time Switches, Ltd., Kingston By-Pass Rd., New Malden, Surrey.
EXPRESO Quick make-and-break switches and switch-plugs	General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
EXIDE-IRONCLAD Marine and vehicle batteries for lighting and propulsion	The Chloride Electrical Storage Co., Ltd., Exide Works, Clifton Junction, near Manchester.
EXIDE Batteries for motor cars and wireless	The Chloride Electrical Storage Co., Ltd., Exide Works, Clifton Junction, near Manchester.
FABROIL Non-metallic gears	British Thomson-Houston Co., Ltd., Rugby.
FAIRYLAND Lighting strip	Imperial Lighting Co. (Implitico), Ltd., 2-6, Pocock St., S.E.1.
F.A.P. Conduit and fittings and accessories	Fitter & Poulton, Ltd., Vincent Parade, Balsall Heath, Birmingham.
FERRANTI Radio receivers	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, W.C.2.
FERRANTI Radio components	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, London, W.C.2.
FERRANTI Radiant fires	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, London, W.C.2.
FERRANTI Water heaters	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, London, W.C.2.
FERRANTI Switchboard instruments	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, London, W.C.2.
FERRANTI Power transformers	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, London, W.C.2.
FERRANTI Electricity meters	Ferranti, Ltd., Hollinwood, Lancs., and Bush House, London, W.C.2.
FERRY Low temperature-coefficient, nickel-copper resistance wires and tapes for motor starters, &c.	Henry Wiggin & Co., Ltd., Wiggin St., Birmingham.
FIBRE Insulating materials	Mosses & Mitchell, Ltd., Chiswell Works, 60-64, Ironmonger Row, E.C.1.
FIBRE Insulating sheet, rod and tube ...	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
FIREBERRY Magicoal fire	Berry's Electric (1928), Ltd., 85-86, Newman St., W.1.
FIREBLAZE Magicoal fire	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
FIRIMINE Fuse switches	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
FISH-SPINE Admiralty-pattern insulating beads	Taylor, Tunnicliff (Refractories), Ltd., 110, Cannon St., E.C.4.
FLEXOTUBE Insulated sleeving	John MacLennan & Co., 115, Newgate St., London, E.C.1.
FLUVENT Distribution fuse gear	Parmiter, Hope & Sugden, Ltd., Fluvent Electrical Works, Vernon St., Longsight, Manchester.
FORMALITE Moulding powders	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
FORMAPEX Insulating varnish, moulding mixtures, miocarta sheet and tubes (bakelite type)	The Ioco Rubber & Waterproofing Co., Ltd., Netherton Works, Anniesland, Glasgow, W.3.
FORMITE Bakelite moulding materials ...	Bakelite, Ltd., 68, Victoria St., S.W.1.
FOSTER Transformers and sub-station, &c.	Foster Engineering Co., Ltd., Apex Works, South Wimbledon, S.W.19.
FROUDE Dynamometers and wind tunnel testing plants	Heenan & Froude, Ltd., Worcester, England.
FULLER Transformers, single, two- and three-phase induction motors, motor starters	Fuller Elecl. & Mnfg. Co., Ltd., 5, Chancery Lane, W.C.2.
FULLOLITE Lamps	Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
FULL O'POWER Dry batteries	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
FURSE Cinema curtain controllers and dimmers, organ and orchestra lifts	W. J. Furse & Co., Ltd., Traffic St., Nottingham.
GACOR Electric lamp flashers	M. Newmark & Co., 77, Milton St., E.C.2.
GAMEWELL Fire alarm systems	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
GARBE LAHMEYER Motors, dynamos and transformers	Korting & Mathiesen, Elecl., Ltd., 711-715, Fulham Rd., S.W.6.
GARDY Rotary switches and fuses	Thompson & Co., 1 & 3, Old Swan Lane, E.C.4.
GECOFIX Electric light fittings of every description	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
GECOPHONE Wireless receiving sets, components and accessories	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
GECORAY Reflectors for shop-window lighting	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
GENACCO Electrical accessories	General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.
GENEX Electrical accessories	General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.
GENII Geysers, automatic storage water heaters, stills, radiators, thermostats, &c.	Geo. Nobbs, Ltd., 87-89, Cleveland St., Euston Rd., W.1.
GILSONITE Asphaltum, bitumen	Ashby, Morris, Ltd., 17, Laurence Pountney Lane, E.C.4.
GLASGOW-REX Ironclad switches	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
GLASSTEEL DIFFUSERS Industrial lighting fittings	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
GLIMALAC For making up mica plates or materials commonly called micanite	Pinchin, Johnson & Co., Ltd., General Bldgs., Aldwych, W.C.2.
GLO-CLAD Watertight and gastight electric lighting system	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
GLOVERITE Insulated wires and cables for signalling and special situations	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
GLOVERS Electric wires, cables and lead rubber-covered house-wiring systems	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
GLOVOX Compound insulated mains cables	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
GLOWRAY Nickel - chromium - iron resistance wires and tapes for elements in electric irons, toasters, &c.	Henry Wiggin & Co., Ltd., Wiggin St., Birmingham.
GLYPTANITE Super micanite sheet	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
GOBLIN Electric suction cleaner	British Vacuum Cleaner & Engineering Co., Ltd., Parsons Green Lane, S.W.6.
GOTIT Interlocked switch plug taking B.E.S.A. standard plug	A. P. Lundberg & Sons, Ltd., Pioneer Elecl. Wks., Paradise Passage, Sheringham Rd., N.7.
GRAHAM Marine telephones, loud-speaking multiphones, helm and engine indicators, &c.	Alfred Graham & Co., Ltd., St. Andrew's Works, Slough, Bucks.
GRIP Jointing sleeves for electric cable conductors	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
GRIPTITE Adhesive tape	Spicers, Ltd., 19, New Bridge St., E.C.4.
G.W.B. Large mechanically-operated electric furnaces, tunnel kilns, &c.	G.W.B. Electric Furnaces, Ltd., Elecfurn Works, North Rd., N.7.
HAILWARE Glassware and lighting fittings ...	Hailwood & Ackroyd, Ltd., Beacon Works, Morley, Nr. Leeds.
HART Electric accumulators	Hart Accumulator Co., Ltd., Marshgate Lane, E.15.
HAZEMEYER Switchgear, &c.	Alan Wright, 117, Victoria St., S.W.1.
HEATRAE Electric fires, water heaters, oil heaters	Electric Fires, Ltd., Heatrae Works, Norwich.
HEATRAE Immersion heaters, tubular heaters, small cookers, &c.	Electric Fires, Ltd., Heatrae Works, Norwich.
HEENAN Air coolers, water coolers and electric dynamometers	Heenan & Froude, Ltd., Worcester, England.
HELSBY Condensers for telephone, telegraph and power factor improvement	British Insulated Cables, Ltd., Prescot, Lancs.
HELSBY Cords (telephone and switchboard)	British Insulated Cables, Ltd., Prescot, Lancs.
HELSBY Wiring systems	British Insulated Cables, Ltd., Prescot, Lancs.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
HELSBY Rubber-insulated cables	British Insulated Cables, Ltd., Prescot, Lancs.
HENLEX Special compound insulation ...	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY Link or fuse disconnecting boxes ...	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY Distribution pillars	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY Tape	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY Cables of all types	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY Joint box compounds	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY Plywood backboards	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HENLEY WIRING SYSTEM Special wiring system and fittings	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HERCULACKER Automobile cables	Concordia Electric Wire Co., Ltd., Trent Mills, New Sawley, nr. Nottingham.
HERCULENE Electric cables	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HERMES Bare copper wire and strip, c.c. wire and strip	Rd. Johnson, Clapham & Morris, Ltd., St. Mary's Rd., Newton Heath, Manchester.
HERMETICA Weatherproof lanterns	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
HEROULT Electric furnace, arc type for steel, cast-iron and nickel alloy melting	Electric Furnace Co., Ltd., 17, Victoria St., S.W.1.
HIGHLOW Electric cooking and heating apparatus, electric water heaters, electric oil heaters	Archibald Low & Sons, Ltd., Merkland Works, Partick, Glasgow, W.1.
HINGELESS Teak fuseboards (non-corrodible, detachable)	S. Bill & Co., Ltd., Queen's Road, Aston, Birmingham.
HITEST Cables	Falk, Stadelmann & Co., Ltd., Efesca Electrical Works, 83-93, Farringdon Rd., E.C.1.
HOFFMANN Ball and roller bearings, steel balls and rollers	Hoffmann Mfg. Co., Ltd., Chelmsford, Essex.
HOLDERS Repetition parts in brass or steel, metal stampings, electric towel rails, lampholders and fittings	Holders, Ltd., West Silvermills, Edinburgh.
HOMESTEAD Irons	Baxendale & Co., Ltd., Miller St., Manchester.
HOMESTEAD Fires	Baxendale & Co., Ltd., Miller St., Manchester.
HOT-POINT Electric irons, soldering irons and branders	Dowsing Radiant Heat Co., Ltd., Bollo Lane, Acton, W.3, and 91-3, Baker St., W.1.
HOTPOINT Domestic electric appliances ...	Hotpoint Electric Appliance Co., Ltd., 24, Newman St., Oxford St., W.1.
HOTPOINT-FALCO Electric cookers	Hotpoint Electric Appliance Co., Ltd., 24, Newman St., Oxford St., W.1.
H.W.S. Special wiring system and fittings...	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
HYPER-SCALE Electrical measuring instruments ...	Nalder Bros. & Thompson, Ltd., 97a, Dalston Lane, E.8.
ICALL Hairdryers, violet-ray apparatus, electric equipment for hairdressers	I. Calvete, Ltd., 59-61, North St., Clapham, S.W.4.
IDEAL Electrical measuring instruments and relays of all types	Nalder Bros. & Thompson, Ltd., 97a, Dalston Lane, E.8.
IDELITE Bakelite tubes and rods	Bakelite, Ltd., 68, Victoria St., S.W.1.
I. & F. Controller fingers, contacts and colliery coal-cutter spares and renewals	Imeson & Finch, "Empress" Works, Stockton-on-Tees.
IGRANIC All types of electric motor starting and motor controlling apparatus and wireless components	Igranic Electric Co., Ltd., 149, Queen Victoria St., E.C.4.
IMP (Regd.) Flat tumbler switches and switch plugs	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
IMPERIAL Conduit tubes and accessories ...	Isaac Griffiths & Sons (Proprietors: James McDougall, Ltd.), Imperial Works, Wednesbury, Staffs.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
IMPERIAL Electric stage equipment	Imperial Lighting Co. (Implitico), Ltd., 2-6, Pocock St., S.E.1.
IMPREGNITE Black, solid, impregnating compound for treating all types of coils having a great depth of wire	Pinchin, Johnson & Co., Ltd., General Bldgs., Aldwych, W.C.2.
INFINITY Flexible lighting cords	Sloan Elecl. Co., Ltd., 8-12, Golden Lane, E.C.1.
INFINITY Insulated wires and cables	Sloan Elecl. Co., Ltd., 8-12, Golden Lane, E.C.1.
INKWELL Recording instruments	Everett, Edgcumbe & Co., Ltd., Colindale Works, Hendon, N.W.9.
INTERMEDIATE Tumbler switch for control of lamps from more than two positions	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
INVENTUM Fires, water heating and domestic appliances	Alan Wright, 117, Victoria St., S.W.1.
INVENTUM Electric fires, electric water taps, electric cisterns	W. C. Yuille & Co., Ltd., 12, Wellington St., Glasgow, C.2.
INVENTUM Electric fires	Inventum Electrical Appliances, Ltd., 117, Victoria St., S.W.1.
INVENTUM Electric water heaters	Inventum Electrical Appliances, Ltd., 117, Victoria St., S.W.1.
INVENTUM Radiators, water heaters, etc. ...	W. E. Beardsall & Co., Ltd., Victoria Bridge, Manchester.
IRONSAFE Switchboards	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
ISCO Ironclad service cutouts	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
ISOLAC An acid and waterproof, air drying and baking insulating varnish of di-electric properties, and permanent plasticity	Pinchin, Johnson & Co., Ltd., General Bldgs., Aldwych, W.C.2.
JACELITE (Regd.) Moulded accessories	J. A. Crabtree & Co., Ltd., Lincoln Works, Walsall.
JACKSON Electric cookers, fires, kettles, breakfast cookers, &c.	The Jackson Electric Stove Co., Ltd., 143, Sloane St., S.W.1.
J.L. Universal wiring clips for cables ...	Walter Balmford, M.I.E.S., "Electric House," 116, Steelhouse Lane, Birmingham.
J. & P. Wiring system	Johnson & Phillips, Ltd., Charlton, S.E.
KALANITE Insulating material	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
KALANOID Plastic waterproof compound ...	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
KALBITUM Anti-corrosive paint	The Anchor Cable Co., Ltd., Leigh, Lancs.
KALECORE Electric cables	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
KALEECO Wiring system	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
KALIBOND Lead-sheathed cable having special bonding wire	Callender's Cable & Construction Co., Ltd., Hamilton House, Victoria Embankment, E.C.4.
KANDEM Lighting fittings, arc lamps for all purposes, incandescent and arc equipment for film and photographic lighting	Korting & Mathiesen Electrical, Ltd., 711 and 715, Fulham Rd., S.W.6.
KANTARK Fuses, cut-outs and distribution boards	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
KATHANODE Storage batteries	The D.P. Battery Co., Ltd., Bakewell, Derbyshire.
KEEPALITE Emergency lighting systems ...	The Chloride Electrical Storage Co., Ltd., Exide Works, Clifton Junction, near Manchester.
KELDON Glassware for enclosing fittings ...	Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
KERSON Electrical accessories	The Kersons Mnfg. Co., Ltd., 36, Wainwright St., Aston, Birmingham.
KEY FIBRE CONDUIT Conduit for underground cables and bird guards	Key Engineering Co., Ltd., 4, Queen Victoria St., E.C.4.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
KILARC (Regd.) Positive action quick make and break tumbler switches	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
KINARKO Carbons for cinematograph work, &c.	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
KINGOLITE Lamps	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
KINGSNORTH Joint box compounds, electrical filling compounds, sleeve compounds	Berry, Wiggins & Co., Ltd., Tensulam House, Water Lane, Stratford, E.15.
KINGSWAY Combined switch and plug ...	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
KLYMAX Single and two-way narrow-panel tumbler switches	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
KOHLER Automatic electric plants without storage batteries for country house lighting, automatic standby emergency plants, portable electric plants	Kohler Co., Ltd., 216, Great Portland St., W.1.
KONFORM Switch plug	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
KWIKWIRE Lampholders, tumbler switches and ceiling roses	J. H. Tucker & Co., Ltd., King's Rd., Tyseley, Birmingham.
KYE Electric lamps	The British Elec. Transformer Co., Ltd. (Sunray Tricity Dept.), Wellington House, 125-130, Strand, W.C.2.
LACENT Scientifically designed bulkhead lighting fittings	Heyes & Co., Ltd., Water-Heyes Electrical Works, Wigan.
LAMBERT Water heaters	White Tile Heaters, Ltd., Clementhorpe Works, off Charlton St., York.
LANCASHIRE Generators and motors (a.c. and d.c.), synchronous motors, turbo-alternators, planer drives, &c.	Lancashire Dynamo & Motor Co., Ltd., Trafford Park, Manchester, associated with The Crypto Electrical Co., Ltd., Acton Lane, Willesden, N.W.10.
LATASCALE Indicating instruments	Elliott Bros. (London), Ltd., Century Works, Lewisham, S.E.13.
LAURIE & INGLEFIELD Travelling lights and stretching pendants	Thos. Laurie & Co., Ltd., West End, Falkirk.
LEATHEROID Insulating materials	Mosses & Mitchell, Ltd., Chiswell Works, 60-64, Ironmonger Row, E.C.1.
LEATHEROID Insulating materials	Attwater & Sons, Hopwood St. Mills, Preston.
LEATHEROID Insulating materials	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
L.E.C. Switchgear, conduits, cables and wireless accessories	The London Electrical Co., 1, Sherborne Lane, E.C.4.
LECITE (Regd.) Electric cables and wires	The Liverpool Electric Cable Co., Ltd., Linacre Lane, Bootle, Liverpool.
LECITON (Regd.) Electric cables and wires	The Liverpool Electric Cable Co., Ltd., Bootle, Liverpool.
LECOID (Regd.) Box filling compounds for electric cable jointing	The Liverpool Elec. Cable Co., Ltd., Bootle, Liverpool.
LEKTRIK (Regd.) Switches, plug connectors and kindred accessories	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
LIMPET TAPE Adhesive tape	Connollys (Blackley), Ltd., Blackley Vale Mills, Blackley, Manchester.
LINAPEX Varnished cloths, silks, and tapes	The Ioco Rubber & Waterproofing Co., Ltd., Netherton Works, Anniesland, Glasgow, W.3.
LINCOLN Switches, accessories and switchgear	J. A. Crabtree & Co., Ltd., Lincoln Works, Walsall.
LINK Clips for fixing metal sheathed house wires	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
LINOLITE Strip reflector fittings for shop-window, cornice and picture lighting	A. W. Beuttell, Ltd., 96, Victoria St., S.W.1.
LITHOLITE Moulded insulators	Litholite Insulators, Ltd., 55-57, Hackney Grove, London, E.8.
LITTLE GIANT Electric and pneumatic portable hand drills	The Consolidated Pneumatic Tool Co., Ltd., Egyptian House, 170, Piccadilly, W.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
LIVERPOOL CABLES Electric cables and wires	The Liverpool Electric Cable Co., Ltd., Linacre Lane, Bootle, Liverpool.
L.K. Overhead line fuses for H.T. and L.T. house service meters, &c.	Elkay Electrical Mfg. Co., Ltd., 4, Southampton Row, W.C.1.
L.K. Patent shop-window lighting reflectors, patent interior shop-lighting reflectors	Elkay Electrical Mfg. Co., Ltd., 4, Southampton Row, W.C.1.
LOHYS Electrical sheets and stampings ...	Joseph Sankey & Sons, Ltd., Bilston, Staffs.
LORIVAL Insulating materials, rod, sheet, and tube, synthetic resin and all plastic mouldings	Lorival Mfg. Co. (1921), Ltd., Norwood Works, Southall, Middlesex.
L.P.S. Battery and test clips	L.P.S. Electrical Co., Ltd., Ealing Rd., Alperton, Middlesex.
LUNDBERG Switches, plug connectors and kindred accessories	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
LUXRAY Glassware lighting units	Downes & Davies, 1 & 3, Stanley St., Liverpool.
LYRIC Fittings wire	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
M. & C. Open type switch and control gear, ironclad switch and control gear, flameproof switch and control gear	Mavor & Coulson, Ltd., 47, Broad St., Mile End, Glasgow.
MACADIE Automatic coil winder	The Automatic Coil Winder & Electrical Equipment Co., Ltd., Winder House, Douglas St., S.W.1.
MACINTOSH Paper and rubber insulated cables	The Macintosh Cable Co., Ltd., Derby.
MACINTOSH Wiring systems	The Macintosh Cable Co., Ltd., Derby.
MACONITE Electric wires and cables	The Macintosh Cable Co., Ltd., Derby.
MAGICLOG Electric log fires	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
MAGICOAL Electric fires	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
MAGNALL-IRVING Thrust-borer for laying underground cables, pipes, &c.	The Hydraulic Engg. Co., Ltd., Chester.
MAGNET Electric fans of every description ...	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
MAGNET Household electric appliances for heating, cooking, washing, cleaning, ironing, &c.	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
MAGNET Wiring systems for general and industrial purposes	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
MAGNET Conduits, fittings and accessories ...	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
MAGNET Batteries	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
MAGNET Furnaces and ovens for all industrial purposes	The General Electric Co., Ltd., Magnet House, Kingsway, W.C.2.
MANOR Cookers, fires, water heaters ...	The Manor Electric Oven & Fire Co., 7, Sutton St., Charing Cross Rd., W.1.
MANSON Adhesive protecting tape	William Geipel, Ltd., Vulcan Works, 156-170, Bermondsey St., S.E.1.
MARANEX Ship wiring cables	Callender's Cable & Construction Co., Ltd., Hamilton House, E.C.4.
MARCONI Thermionic valves for transmission and reception for both general and special purposes	M.O. Valve Co., Ltd., Osram Works, Brook Green, Hammersmith.
MARELLI Electric fans	Marelli & Co., Ltd., 19-20, Garlick Hill, E.C.
MARTINDALE Commstones, portable electric blowers, mica undercutters	Martindale Electric Co., Ltd., The Hyde, Hendon, N.W.9
MARVEL Tumbler switches for variable control from two or more positions	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
MASTA Ironclad fuse-switches	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
MAXEI Vacuum impregnating plant, coil and armature winding machines, coreplate varnishing machines	Soc. Anon. Machines Auxiliares Pour l'Electricité and l'Industrie, 66, Victoria St., S.W.1.
MAXHEAT Oval tubular electric heaters ...	The Wardle Engg. Co., Ltd., Old Trafford, Manchester.
MAXIGRAPH Chart recording maximum demand instruments	Landis & Gyr, Ltd., Elgee Works, Victoria Rd., North Acton, W.3.
MAXIM Electric lamps	Poynter, Griffiths & Co., Ltd., Maxim Works, 75, Canonbury Rd., N.1.
MAXLUME Industrial and domestic range of lighting and heating apparatus	Veritys, Ltd., Plume Works, Aston, Birmingham.
MAXTORQ Squirrel-cage type induction motors (single, two and three-speed type)	Lancashire Dynamo & Motor Co., Ltd., Trafford Park, Manchester, associated with The Crypto Electrical Co., Ltd., Acton Lane, Willesden, London, N.W.10.
MAYTAG Electric clothes washer	Hotpoint Electric Appliance Co., Ltd., 24, Newman St., Oxford St., W.1.
MAZDA Electric lamps	The British Thomson-Houston Co., Ltd., Crown House, Aldwych, W.C.2.
M.C.L. & REPETITION Automatic screw machine products	M.C.L. & Repetition, Ltd., Pool Lane, Langley, Birmingham.
M.E.C. Small electric motors, a.c. and d.c.	The Medical Engineering Co., Ltd., Englefield Rd., N.1.
MECVENT Organ-blowing equipments, forge blower, industrial fans, &c.	Millns Electrical Co., 17, Whitefriars St., E.C.4.
MEDIUM RESISTANCE Special high-quality dynamo sheets and stampings	Joseph Sankey & Sons, Ltd., Bilston, Staffs.
MEGGER Electrical instruments	Evershed & Vignoles, Ltd., Acton Lane Wks., London, W.4.
MEGOHMOID Cable materials	Lindsay & Williams, Ltd., Openshaw Bridge Works, Ashton Old Rd., Openshaw, Manchester.
MEK-ELEK Bookholder	Mek-Elek Engineering, Ltd., 57, Victoria St., London, S.W.1.
MEMETTE Ironclad switches	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
MEM8 Insulated switches and fuses ...	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
MEMKUKA Cooker control unit	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
MEMOTA Motor starting switches	Midland Elec. Mnfg. Co., Ltd., Barford St., Birmingham.
MEMREX Ironclad switches	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
MEMSET Splitters (D.P. switch with 4 S.P. fuses)	Midland Electric Mfg. Co., Ltd., M.E.M. Works, Barford St., Birmingham.
MEMWAY Distribution boards	Midland Elec. Mnfg. Co., Ltd., Barford St., Birmingham.
MERSEY H.C. copper and alloys for electrical engineering purposes	Thomas Bolton & Sons, Ltd., Mersey Copper Works, Widnes, Lancs.
MERSEY Motors and dynamos	City Electrical Co., 1, Emerald St., W.C.1.
MERSEY CABLES Rubber-insulated wires and cables	Mersey Cable Works, Ltd., Linacre Lane, Bootle, Liverpool.
METROHM Insulation testing set	Everett, Edgcumbe & Co., Ltd., Colindale Works, Hendon, N.W.9.
METROVICK Electrical apparatus	Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester.
MICA Block splittings, washers, &c. ...	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
MICAFIL Coil-winding, taping- and armature-winding machines	Impag, Ltd., 10, Lloyds Avenue, E.C.3.
MICANITE Insulating sheet, tubes, washers, &c.	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
MIDGET MASTA Fuse switch	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
MILL Circuit breakers	Geo. Ellison, Ltd., Perry Barr, Birmingham.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
MINERVA Grey enamel for insulating all classes of electrical windings where heat dissipation is desired	Pinchin, Johnson & Co., Ltd., General Bldgs., Aldwych, W.C.2.
MINIMAX Bakelite 2, 3 and 4 pin side-entry cord-grip plugs	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
MINISQUARE Electrical instruments	Everett, Edgcumbe & Co., Ltd., Colindale Works, Hendon, N.W.9.
MIROLUX Trough reflectors	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
M.K. (Regd.) Plugs and sockets, switches, switch plugs	M.K. Electric, Ltd., Wakefield St., Edmonton, N.18.
MODINE Unit cabinet, blast and concealed heaters	S. G. Leach & Co., Ltd., 26-30, Artillery Lane, E.1.
MOONSTONE Glassware	Underwood (Manchester), Ltd., 1, Dickinson St., Manchester.
MORCO Illuminating glassware, electrical accessories, electric irons	T. B. Morley & Co., Ltd., Jameson St., Hull.
MORGANITE Brushes	The Morgan Crucible Co., Ltd., Battersea Works, Church Rd., S.W.11.
MORGANITE Electric radiators	Barker, Young & Co., Ltd., 47, Victoria St., S.W.1.
MORTISE Single-way small narrow-panel tumbler switches	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
MOULDENSITE Moulding materials	Bakelite, Ltd., 68, Victoria St., S.W.1.
M.P.L. Bakelite electric table standards ...	Mayall & Co., Ltd., 61, Moor St., Birmingham.
MULTI-BOILER Electric boiling ring (boils three vegetables at once)	Premier Electric Heaters, Ltd., Keeley St., Birmingham.
NALDERS Electrical measuring instruments and relays of all types	Nalder Bros. & Thompson, Ltd., 97a, Dalston Lane, E.8.
N.B.D. Electrical plant	Haslam & Newton, Ltd., Formerly Newton Bros. (Derby), Ltd., Alfreton Rd., Derby.
N.C.S. Electrical measuring instruments and relays of all types	Nalder Bros. & Thompson, Ltd., 97a, Dalston Lane, E.8.
NECO Electric motors ½ to 1 h.p., a.c. and d.c.	Normand Electrical Co., Ltd., 3, North Side, Clapham Common, S.W.4.
NEOPHONE The new high-efficiency central battery telephone of the micro-telephone pattern, standardised by the British P.O.	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
NEWBERRY Magicoal fires	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
NEWBRIDGE Time switches	Horstmann Gear Co., Ltd., Newbridge Works, Bath.
NEWTONS OF TAUNTON A.c. and d.c. dynamos and motors, l.t. switchgear, &c.	Newtons of Taunton, 3, Cavendish Place, Regent St., W.1.
NICHRO Electric domestic irons	Cranmer & Cheshire, 9, Steward St., Spring Hill, Birmingham.
NICO Fittings, glassware and accessories	Nico Light Co., Ltd., 19, Farringdon Avenue, E.C.
NIPHAN Couplings and plugs for cables ...	Simmonds & Stokes, Ltd., 4, Vernon Place, Southampton Row, W.C.1.
NO-LAG Power factor correction motors ...	British Thomson-Houston Co., Ltd., Rugby.
NOMAG Non-magnetic iron	Ferranti, Ltd., Hollinwood, Lancashire, and Bush House, W.C.2.
NOMET Special wiring system and fittings	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
NORMAL Wiring connectors for surface wiring systems and general electric lighting purposes	J. Martin Blair, Audrey House, Ely Place, London, E.C.1.
NOVEL Switch, 5-amp. tumbler type, fitted with extra terminal for looping	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
N.P.U. Circuit breakers and switchgear ...	Nalder Bros. & Thompson, Ltd., 97a, Dalston Lane, E.8.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
OASIS Accumulator acid, acid-resisting paints, battery testers	General Chemical & Pharmaceutical Co., Ltd., Judex Works, Sudbury, Middlesex.
OHMALINE Insulating varnish	Griffiths Bros. & Co., London, Ltd., Macks Rd., S.E.16.
OHMER Insulating testing sets	Nalder Bros. & Thompson, Ltd., 97a, Dalston Lane, E.8.
OKONITE Insulating tape	William Geipel, Ltd., Vulcan Works, 156-170, Bermondsey St., S.E.1.
OLONITE Cable insulation and protection ...	The Croydon Cable Works, Ltd., formerly known as The Greenwich Cable Works, Ltd., Mitcham Rd., Croydon.
OMEGA Gasfilled and vacuum electric lamps of all kinds	Omega Lampworks, Ltd., Rodney Place, Merton Abbey, S.W.19.
ORBIT Traversing desk, bracket, or cabin fans for commercial, domestic, or marine use	Veritys, Ltd., Plume Works, Aston, Birmingham.
OSRAM Thermionic valves for transmission and reception for both general and special purposes	M.O. Valve Co., Ltd., Osram Works, Brook Green, Hammersmith.
OSRAM Electric lamps for all conditions of lighting	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
OSRAM Wireless valves of all types for general and special requirements	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
OWL Electrical porcelain	Geo. Wade & Son, Ltd., Manchester Pottery, High St., Burslem, Staffs.
OZONAIR Ozone apparatus, pure air ventilation	Ozonair, Ltd., Ozonair House, St. Leonard St., S.W.1.
P. & G. Accumulators	Pritchett & Gold & E.P.S. Co., Ltd., 50, Grosvenor Gardens, S.W.1.
P. & R. Accumulators	Peto & Radford, Props.: Pritchett & Gold and E.P.S. Co., Ltd., 50, Grosvenor Gardens, S.W.1.
PAKYDERM Finishing varnish	Griffiths Bros. & Co., London, Ltd., Macks Rd., S.E.16.
PAXOLIN Bakelite varnish-paper boards, tubes, cylinders	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
PAXOLIN Transformer and switchgear bushings, insulators, &c.	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
PEDIGREE (Regd.) Switch and fusegear	J. A. Crabtree & Co., Ltd., Lincoln Works, Walsall.
PEERLESS Insulator and fibre	Attwater & Sons, Hopwood Street Mills, Preston.
PEERLESS Single-phase repulsion induction motors, generators and fans	S. G. Leach & Co., Ltd., 26-30, Artillery Lane, E.1.
PEERLESS Insulation paper	J. Burns, Ltd., Wangye Works, Chadwell Heath, Essex.
PEERLESS Insulation	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
PERCO-WASH Electric clothes-washing device and washboiler	The Jackson Electric Stove Co., Ltd., 143, Sloane St., S.W.1.
PERMALLOY Magnetic alloy	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
PERNAX Cable insulation, bird guards ...	The Croydon Cable Works, Ltd., formerly known as The Greenwich Cable Works, Ltd., Mitcham Rd., Croydon.
PERTINAX Special bakelite board, tubes and rods	Geo. L. Scott & Co., Ltd., 86-88, Acre Lane, Brixton, S.W.2.
PETROLEX Fire extinguishers for electrical equipment	Read & Campbell, Ltd., 75, Victoria St., Westminster, S.W.1.
PHENOLITE Laminated bakelite	J. Burns, Ltd., Wangye Works, Chadwell Heath, Essex.
PHILILITE Totally-enclosed diffusing units ...	Philips Lamps, Ltd., 145, Charing Cross Rd., W.C.2.
PHILIPS Wireless and lamps	Philips Lamps, Ltd., Philips House, 145, Charing Cross Rd., W.C.2.
PHILIRAY Shop window reflectors	Philips Lamps, Ltd., 145, Charing Cross Rd., W.C.2.
PHILITE Synthetic resins, plastics, etc., and articles made therefrom	Philips Lamps, Ltd., Philips House, 145, Charing Cross Rd., W.C.2.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
PHILUMA Local lighting industrial units ...	Philips Lamps, Ltd., 145, Charing Cross Rd., W.C.2.
PHLATTA Switches	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
PIRELLI-GENERAL Wires, cables and flexibles ...	The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
PIVOT Single, two-way, &c., tumbler switches and combinations	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
PIXY Bell pushes with straight-line movement	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
PNEUCONEX Grit catchers	Pneumatic Conveyance & Extraction (1929), Ltd., Broadway Buildings, Broadway, S.W.1.
PNEUCONEX Pneumatic coal, ash, and grain handling plants	Pneumatic Conveyance & Extraction (1929), Ltd., Broadway Buildings, Broadway, S.W.1.
PNEUCONEX Pneumatic flue dust extraction equipment	Pneumatic Conveyance & Extraction (1929), Ltd., Broadway Buildings, Broadway, S.W.1.
POINTOLITE Lamps	Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
PREMIER Electric fires, irons, kettles, &c. ...	Premier Electric Heaters, Ltd., Keeley St., and St. Andrew's Rd., Birmingham.
PREMIER Accumulators	Premier Accumulator Co., 50, Grosvenor Gardens, S.W.1.
PREMIER DUPLEX Electric vacuum cleaner	Hotpoint Electrical Appliance Co., Ltd., 24, Newman St., Oxford St., W.1.
PREMIER JUNIOR Electric vacuum cleaner	Hotpoint Electrical Appliance Co., Ltd., 24, Newman St., W.1.
PRESCOT Box compounds	British Insulated Cables, Ltd., Prescot, Lancs.
PRESCOT Feeder pillars	British Insulated Cables, Ltd., Prescot, Lancs.
PRESCOT Joint boxes	British Insulated Cables, Ltd., Prescot, Lancs.
PRESCOT Overhead equipment for electric railways and tramways	British Insulated Cables, Ltd., Prescot, Lancs.
PRESCOT Paper insulated cables	British Insulated Cables, Ltd., Prescot, Lancs.
PRESCOT Cotton-covered wires	British Insulated Cables, Ltd., Prescot, Lancs.
PRESSPAHN Insulating board in all thicknesses	The Micanite & Insulators Co., Ltd., Empire Works, Blackhorse Lane, Walthamstow, E.17.
PRISMAT Directional bulkhead fitting ...	The Wardle Engg. Co., Ltd., Elsinore Rd., Old Trafford, Manchester.
PRISMATIC Bulkhead fitting	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
PROCELL (Regd.) Corrosion-proof rubber insulated cable	Mersey Cable Works, Ltd., Linacre Lane, Bootle, Liverpool.
PROMETHEUS Electric irons, radiators, water heaters, &c.	Dowsing Radiant Heat Co., Ltd., Bollo Lane, Acton, W.3, and 91-3, Baker St., W.1.
PUL-SYN-ETIC Electric impulse clocks and time discipline apparatus	Gent & Co., Ltd., Faraday Works, Leicester.
QUASI-ARC Electrodes and welding equipment	Quasi Arc Co., Ltd., 15, Grosvenor Gardens, S.W.1.
QUEAD Electric fires and cookers	William Geipel, Ltd., Vulcan Works, 156-170, Bermondsey St., S.E.1.
QUICKSET Automatic electric safety kettles ...	Premier Electric Heaters, Ltd., Keeley St. and St. Andrew's Rd., Birmingham.
QUICKWAY Armature and stator coil-winding and forming machinery	Midland Dynamo Co., Ltd., 64, Belgrave Gate, Leicester.
RADIODESCENT Appliances for radiant heat treatment	Dowsing Radiant Heat Co., Ltd., Bollo Lane, Acton, W.3, and 91-3, Baker St., W.1.
RADIOMATIC Broadcast receivers, band repeater apparatus	Gent & Co., Ltd., Faraday Works, Leicester.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
RADION Insulating material	American Hard Rubber Co. (Britain), Ltd., 95, Hatton Garden, E.C.1.
RADSLOT Hotel radiator prepayment meters	Venner Time Switches, Ltd., Kingston By-Pass Rd., New Malden, Surrey.
RAPPER Percussive hand-drill for wall plugs	Wm. Geipel, Ltd., Vulcan Works, 156-170, Bermondsey St., S.E.1.
RECORD Insulation testers, battery cut-outs, circuit breakers	Record Electrical Co., Ltd., Broadheath, Altrincham, Cheshire.
REESILEO Oils, insulating and lubricating ...	Reesoils, Ltd., 1, Eldon Sq., Newcastle-on-Tyne.
REFLEX Control of pendulums of existing workmen's recorders and other pendulums	Gent & Co., Ltd., Faraday Works, Leicester.
REGAL Ebonite	Spicers, Ltd., 19, New Bridge St., E.C.4.
RELIANCE Circuit breakers	Whipp & Bourne, Ltd., Castleton, Manchester.
REPELLITE Insulating sheets	Spicers, Ltd., 19, New Bridge St., E.C.4.
RESILIA Pyrometers, electrical high precision instruments, miniature electrical instruments	Foster Instrument Co., Letchworth, Herts.
RESISTON Insulating material	American Hard Rubber Co. (Britain), Ltd., 95, Hatton Garden, E.C.1.
REVO Traffic-control signals	Revo Electric Co., Ltd., Britannia Works, Tividale, Tipton, Staffs.
REVO Fires and domestic apparatus, cookers, street lighting and industrial fittings	The Revo Electric Co., Ltd., Britannia Works, Tividale, Tipton, Staffs.
REVO Irons, switchgear and fans ...	The Revo Electric Co., Ltd., Britannia Works, Tividale, Tipton, Staffs.
REX A.c. meters	Thompson & Co., 1 & 3, Old Swan Lane, E.C.4.
RHECO Switchboards, industrial fittings ...	Robinson & Hands Electric Co., Ltd., Barwick St., Birmingham.
RINGSDORFF Carbon brushes, brush holders and controller fingers	Ringsdorff Carbons (England), Ltd., Colindale Avenue, N.W.9.
ROYAL EDISWAN Lamps	Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
RUPTOR Ironclad switch	W. T. Henley's Telegraph Works, Co., Ltd., Holborn Viaduct, E.C.1.
SADIA Water heaters, time switches, boiling plates, thermostats	Sadia, Ltd., 22, Newman St., W.1.
SAFETEE Ironclad switchgear and switchboards, cartridge fuses	L. Weekes (Luton), Ltd., Luton, Beds.
SALFORD Circuit breakers	General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.
SANGAMO-EDISWAN Meters	Edison Swan Electric Co., Ltd., Ponders End, Middlesex
SATCHWELL Thermostats	The Rheostatic Co., Ltd., Farnham Rd., Slough, Bucks.
SAUTER Time switches and thermostats ...	Nathan & Allen, Ltd., 25, Victoria St., London, S.W.1.
S.E.C. Synchronous electric clocks ...	Smith's Electric Clocks, Ltd., Controlling Synchronous Electric Clocks, Ltd., 179-185, Great Portland St., London, W.1.
SECTOR Electric irons, fires, accessories ...	Electrical Components, Ltd., 88-90, Gt. Charles St., Birmingham.
SEELCO Wiring system comprising lead-alloy sheathed wires and simple accessories	Siemens Elec. Lamps & Supplies, Ltd., 38 & 39, Upper Thames St., E.C.4.
SELCO Syrens, motors, fans	S. G. Leach & Co., Ltd., 26-30, Artillery Lane, E.1.
SEMAPHITE Cables	Johnson & Phillips, Ltd., Charlton, S.E.
SERVICE Grid resistances and accessories ...	The Rheostatic Co., Ltd., Farnham Rd., Slough.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
SHAKEPROOF Lock washers, locking terminals for vibration proof connections	Barber & Colman, Ltd., Marsland Rd., Brooklands, near Manchester.
SHAYDOLITE Lamp lacquer	Griffiths Bros. & Co., London, Ltd., Macks Rd., S.E.16.
SIEMENS Electric lamps	Siemens Elec. Lamps & Supplies, Ltd., 38 & 39, Upper Thames St., E.C.4.
SIEMENS Electric pyrometers and distance thermometers	Elliott Bros. (London), Ltd., Century Works, Lewisham, S.E.13.
SIEMENS Batteries—fluid and dry	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
SIEMENS Ebonite	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
SIEMENS Joint boxes, feeder pillars, house service fuse boxes	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
SIEMENS Electric cables and wires of all types	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
SIFAM Measuring instruments, recorders, electricity meters	Sifam Electric Instrument Co., Ltd., Bush House, Aldwych, W.C.2.
SILKO Resistance wires woven with artificial silk to form non-inductive resistance ribbons, resistance mats (asbestos)	Impag, Ltd., 10, Lloyds Avenue, E.C.3.
SILUMINITE Insulating and arc-resisting mouldings	Turner's Asbestos Cement, Ltd., Trafford Park, Manchester.
SILVALUX Electric lamps (opal)	Siemens Elec. Lamps & Supplies, Ltd., 38 & 39, Upper Thames St., E.C.4.
SILVARAY One-piece glassware fittings ...	Siemens Elec. Lamps & Supplies, Ltd., 38 & 39, Upper Thames St., E.C.4.
SIMPLEX Conduits and all electric installation equipment	Simplex Conduits, Ltd., Garrison Lane, Birmingham.
SIMPLEX "Ordinary" and "Reverse" door contacts	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
SINDANYO Insulating and arc-resisting boards	Turner's Asbestos Cement, Ltd., Trafford Park, Manchester.
SIROCCO Fans	Davidson & Co., Ltd., Sirocco Eng. Works, Belfast, Ireland.
SISSON Enclosed self-lubricating and open-type steam engines, steam-driven dynamos complete	W. Sisson & Co., Ltd., Elmbridge Rd., Gloucester.
SISTOFLEX Insulating sleeving, fibre and leatheroid	Spicers, Ltd., 19, New Bridge St., E.C.4.
SISTOFLEX Varnished cloth, paper, tapes, &c.	Spicers, Ltd., 19, New Bridge St., E.C.4.
S K F Ball and roller bearings	The Skefko Ball Bearing Co., Ltd., Skefko Works, Luton, Beds.
SLONETRIC Wiring accessories	Sloan Electrical Co., Ltd., 8-12, Golden Lane, E.C.1.
SLOTTED STEEL For switchgear frames, outdoor sign frames, cable carriers, &c.	Constructors, Ltd., Nickel Works, Tyburn Rd., Erdington, Birmingham.
SMOOTHWELL Electric irons	Premier Electric Heaters, Ltd., Keeley St. and St. Andrew's Rd., Birmingham.
SOLARIUM Electric sun baths	Dowsing Radiant Heat Co., Ltd., Bollo Lane, Acton, W.3, and 91-3, Baker St., W.1.
SOLBIT Solid bitumen mining cables ...	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
S P High- and low-tension insulators for transmission lines, bushings and porcelain parts for every purpose and all voltages, pressed steatite pieces for all low-tension uses	Steatite & Porcelain Products, Ltd., Stourport, Worcs.
SPECIAL LOHYS Electrical sheets and stampings ...	Joseph Sankey & Sons, Ltd., Bilston, Staffs.
SPEEDFIX Patent self-centering terminals ...	The General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
STALLOY Transformer sheets and stampings, telephone and loud-speaker diaphragms	Joseph Sankey & Sons, Ltd., Bilston, Staffs.
STANDARD Cables of all types	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
STANDARD Public address systems	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
STANDARD Telephones for all purposes, manual and automatic	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
STANDARD Traffic control system	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
STANDARD Wireless transmitting and receiving apparatus	Standard Telephones & Cables, Ltd., Connaught House, Aldwych, W.C.2.
STANNOS WIRING SYSTEM V.I.R. wires protected by a water-tight tinned copper sheathing suitable for concentric or two-wire installation	Siemens Brothers & Co., Ltd., Woolwich, S.E.18.
STEATAIN High- and low-tension insulators for transmission lines, bushings and porcelain parts for every purpose and all voltages, pressed steatite pieces for all low-tension uses	Steatite & Porcelain Products, Ltd., Stourport, Worcs.
STERLING Insulating varnishes, solid impregnating compounds, wire enamels	The Sterling Varnish Co., Fraser Rd., Trafford Park, Manchester.
STRAIGHT-LITE Reflector fittings for shop windows, cornice and picture lighting, straight-lite tubular signs	Straight-Lite Reflectors, Ltd., Oxford House, 9-15, Oxford St., W.1.
STROWGER Public automatic telephones and exchange equipment, private automatic exchanges	Automatic Telephone Manufacturing Co., Ltd., Strowger Works, Milton Rd., Edge Lane, Liverpool.
SUDDEUTSCHE Cable and flexible	"Z" Electric Lamp & Supplies Co., Ltd., 21, Newman St., W.1.
SUNBEAM Magicoal fire	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
SUNBERRY Magicoal electric fire	Berry's Electric, Ltd., 85-6, Newman St., Oxford St., W.1.
SUNDOWN Magicoal electric fire	Berry's Electric, Ltd., 85-6, Newman St., Oxford St., W.1.
SUNRAY (Tricity) radiators	The British Electric Transformer Co., Ltd. (Sunray Tricity Dept.), Wellington House, 125-130, Strand, W.C.2.
SUPASTONE Illuminating lighting glassware ...	Wholesale Fittings Co., Ltd., 23-27, Commercial St., E.1.
SUPER-BOX House-wiring joint box	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
SUPERLUX Glassware	The General Electric Co., Ltd., Magnet House, Kingsway, W.C.2.
SUPERSCALE Indicating instruments	Everett, Edgcumbe & Co., Ltd., Colindale Works, Hendon, N.W.9.
SUPER SEASONED Vulcanised fibre	J. Burns, Ltd., Wangye Works, Chadwell Heath, Essex.
SWAN BRAND Electric cooking utensils, sterilisers, and pedestal heaters	Mayall & Co., Ltd., 61, Moor St., Birmingham.
SYNCHRONOME Electric clocks	Synchronome Co., Ltd., 32-4, Clerkenwell Rd., E.C.1.
SYNCLOCK Electrical clocks	Everett, Edgcumbe & Co., Ltd., Colindale Works, Hendon, N.W.9.
TANGENT Sound signals, ironcased and wood-cased self-winding clocks, and RADIO apparatus	Gent & Co., Ltd., Faraday Works, Leicester.
TATE Electrical valve control	James Tate & Co., Victory Works, Bradford.
T.C.C. Paper condensers, mica condensers, power factor improvement condensers	Telegraph Condenser Co., Ltd., Wales Farm Rd., North Acton, W.3.
TELAC Tumbler switches, accessories, switchgear, ironclad gear	J. H. Tucker & Co., Ltd., King's Rd., Tyseley, Birmingham.
TELENDURON Battery containers	Thos. de la Rue & Co., Ltd., Shernhall St., Walthamstow E.17.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
TELENDURON Insulators for telegraph and telephone lines, also insulation mouldings for electrical trade	Thos. de la Rue & Co., Ltd., Shernhall St., Walthamstow, E.17.
TENBY Junction boxes, clips, saddles, &c.	S. O. Bowker, Ltd., 20, Branston St., Birmingham.
TERRA-GRIP Continuity wiring system	Simplex Conduits, Ltd., Garrison Lane, Birmingham.
TERRAPIN (Regd.) Two-pin and "earth" plug connectors	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
TEST SHEATH Test conductor for underground electric cables	W. T. Glover & Co., Ltd., Trafford Park, Manchester.
THERMOID Flexible cord	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
THISTLE Conduit tubes and fittings	James McDougall, Ltd., Wednesbury, Staffs.
THISTLE BRAND Galvanised span and guard wire strand to M.T.A. specification	Frederick Smith & Co. Wire Manufacturers, Ltd., Halifax.
THISTLE BRAND Tinned steel armature binding wire	Frederick Smith & Co. Wire Manufacturers, Ltd., Halifax.
THOR Washers, irons, vacuum cleaners, juvenators	Hurley Machine Co. (England), Ltd., 245, Oxford St., W.1.
THREE STAR Accumulators	Three Star Accumulators, Ltd., Rosebery Avenue, N.17.
TIRRILL Automatic voltage regulators ...	British Thomson-Houston Co., Ltd., Rugby.
TREFOIL Bakelite synthetic resin products, *i.e.*, bakelite sheet and tubes	Bakelite, Ltd., 68, Victoria St., S.W.1.
TREVA Electrical accessories, lampholders, switches, etc.	Trevelyans (B'ham), Ltd., 155, Bracebridge St., Birmingham.
TRICITY Cookers	The British Electric Transformer Co., Ltd., Hayes, Middlesex.
TRICITY Cookers and tableware	The British Electric Transformer Co., Ltd. (Sunray Tricity Dept.), Wellington House, 125-130, Strand, W.C.2.
TRICITY Electric fires	The British Electric Transformer Co., Ltd., 125-130, Strand, W.C.2.
TRIPIN (Regd.) Three-pin plug connector (all current-carrying pins)	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
TRIPOLIT Triple pole tumbler switch on a single base, positive quick make and break	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
TRIUMPH Fuses, ironclad fuse gear, "Castle" plugs and sockets	Castle Fuse & Engineering Co., Ltd., 33, Chester St., Liverpool.
TRIVECTOR Indicating and recording instrument giving kW Max., kVa Max., kVa sin ϕ Max., and consumption on all three components	Landis & Gyr, Ltd., Elgee Works, Victoria Rd., North Acton, W.3.
TROJAN Glassware for enclosing fittings ...	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
TRUTINT Colour-matching units	The Edison Swan Electric Co., Ltd., 155, Charing Cross Rd., W.C.2.
TUCKER Tumbler switches, accessories, switchgear, ironclad gear	J. H. Tucker & Co., Ltd., King's Rd., Tyseley, Birmingham.
TUDOR Accumulators	Tudor Accumulator Co., Ltd., 59, Grosvenor Gardens, Westminster, S.W.1.
TUFNOL Tube, rod and panel insulation ...	Ellison Insulations, Ltd., Wellhead Lane, Perry Barr, Birmingham.
TUNGAR Battery chargers and rectifiers ...	The Edison Swan Electric Co., Ltd., Ponders End, Middlesex.
TUNGSRAM Lamps, wireless valves and photo cells	Tungsram Electric Lamp Works (Great Britain), Ltd., Commerce House, 72, Oxford St., W.1.
TUNGSTALITE Electric lamps	Tungstalite, Ltd., 47, Farringdon Rd., E.C.1.
TURRET Multiple-way two-pin plug connector (3 to 6 ways)	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.

NAME AND DESCRIPTION.	MANUFACTURED BY OR OBTAINABLE FROM
TWINOB (Regd.) Tumbler switch (either, both or "off"), also a.c. motor control and switch plug	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
TYPERLITE Lighting standard for typewriters, office machines and all purposes	The Typerlite Co., 86, Cannon St., E.C.4.
ULTRALITE One piece glassware fittings ...	Siemens Elec. Lamps & Supplies, Ltd., 38 & 39, Upper Thames St., E.C.4.
UNIBOND Metal sheathed surface wiring system with bonding wire	The Union Cable Co., Ltd., Dagenham Dock, Essex.
U.N.I.TALK Intercommunication telephones ...	W. C. Davey & Co., Mortimer Market, W.C.1.
UNITEM "Two-service" adaptor, B.C., 2-pin (adjustable)	A. P. Lundberg & Sons, Ltd., Pioneer Electrical Works, Paradise Passage, Sheringham Rd., N.7.
UNIVERSAL House-wiring joint box	W. T. Henley's Telegraph Works Co., Ltd., Holborn Viaduct, E.C.1.
VANDUARA Insulating tapes, insulating materials	John MacLennan & Co., 115, Newgate St., London, E.C.1.
V.C. Switch for vacuum cleaners and other portable apparatus	A. P. Lundberg & Sons, Ltd., Pioneer Elecl. Wks., Paradise Passage, Sheringham Rd., N.7.
VEETA Quick make-and-break switches ...	The General Accessories Co., Ltd., 18-22, Euston Buildings, George St., N.W.1.
VENOFF Photographic and sunray time switch	Venner Time Switches, Ltd., Kingston By-Pass Rd., New Malden, Surrey.
VENTEX Air filter	Ozonair, Ltd., St. Leonard St., S.W.1.
VIKING Fuse switch	Berry's Electric (1928), Ltd., 85-86, Newman St., Oxford St., W.1.
VINCENT Switch fuse	Vincent Switchgear Mfg. Co., Ltd., Sampson Rd. North, Birmingham.
VIRCLAD Cables	Electric Cables, Ltd., 25, Old St., E.C.1.
VIRITE Cables	The Edison Swan Electric Co., Ltd., 123-5, Queen Victoria St., E.C.4.
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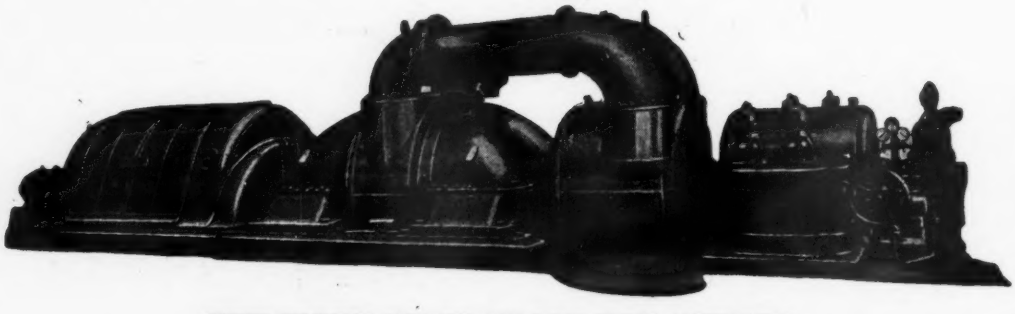

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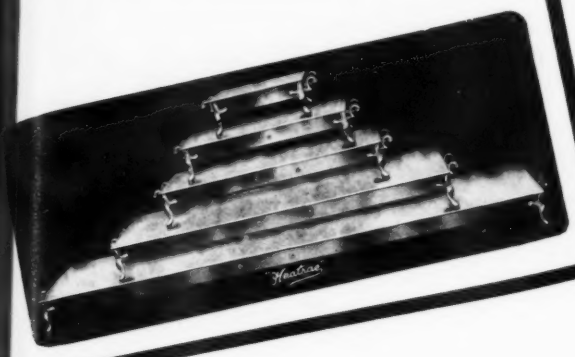

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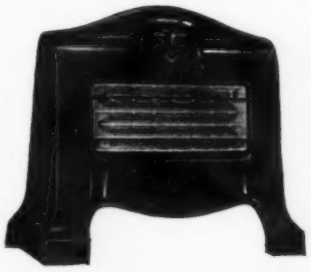

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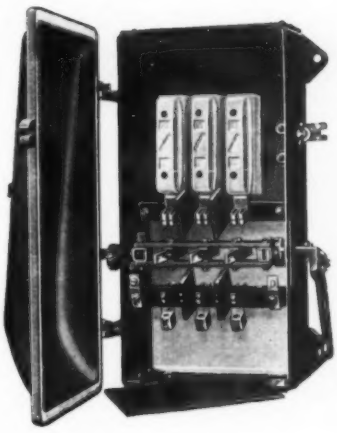

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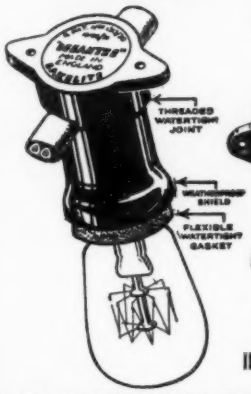

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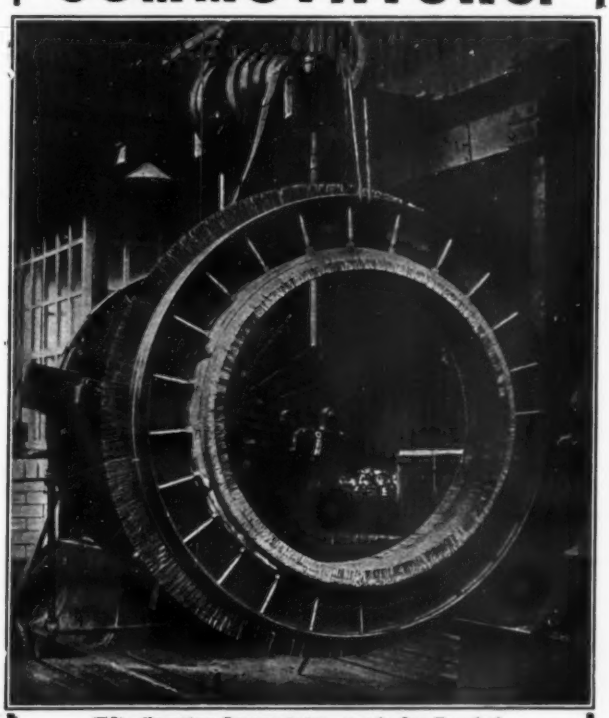

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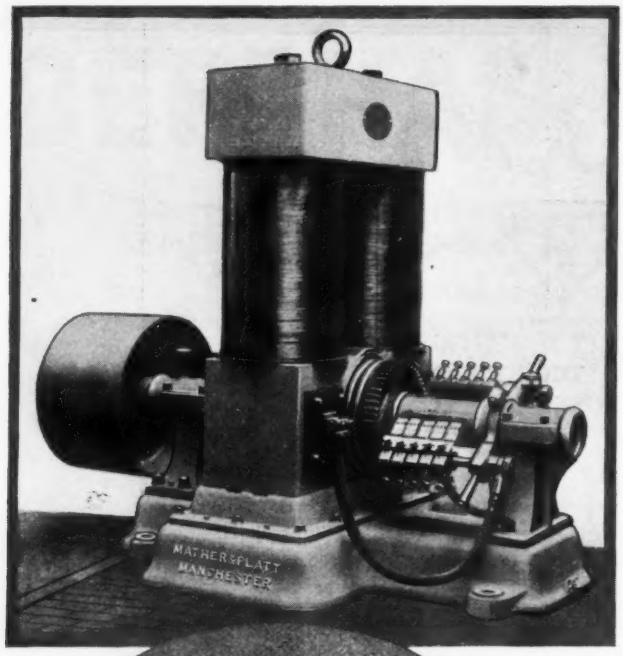

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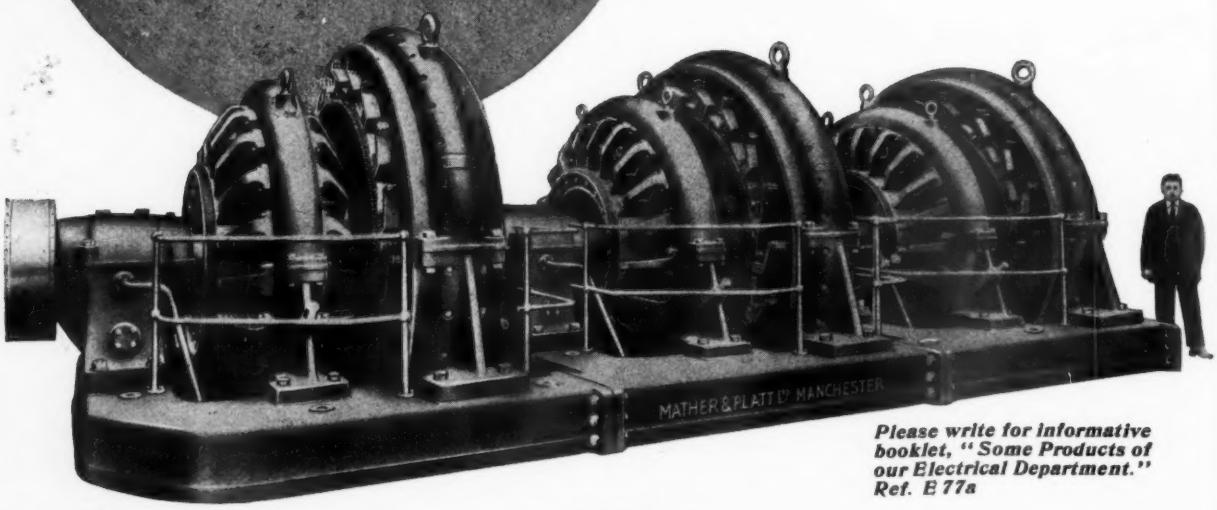

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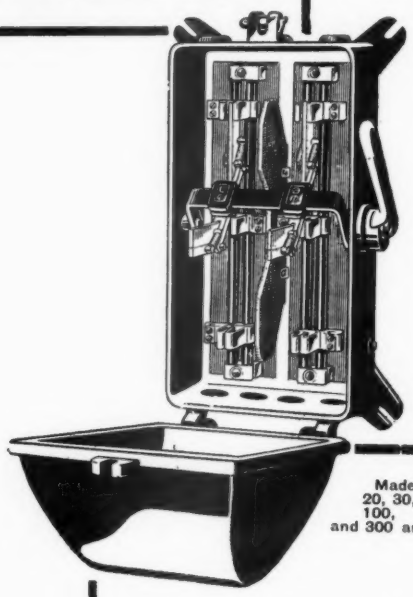

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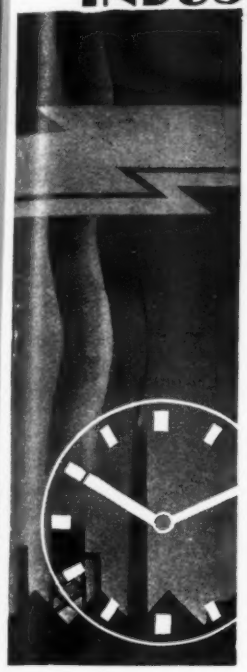

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Gents' have harnessed electricity to provide the necessities that Industry demands for smooth running and speedy production.

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Gents' Directors, Shareholders and products are British.

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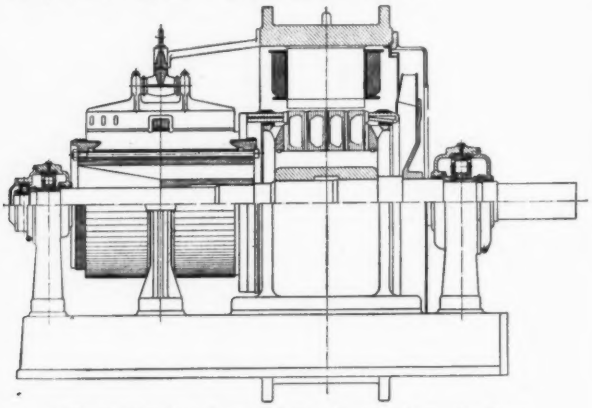

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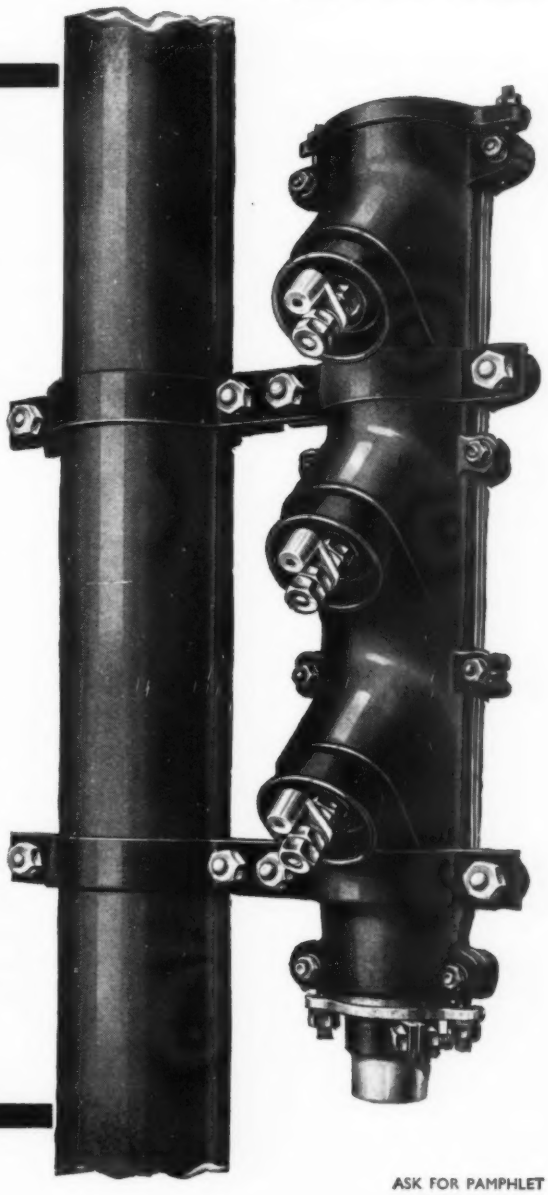
Suitable for 2, 3, 4, or 5 core cables



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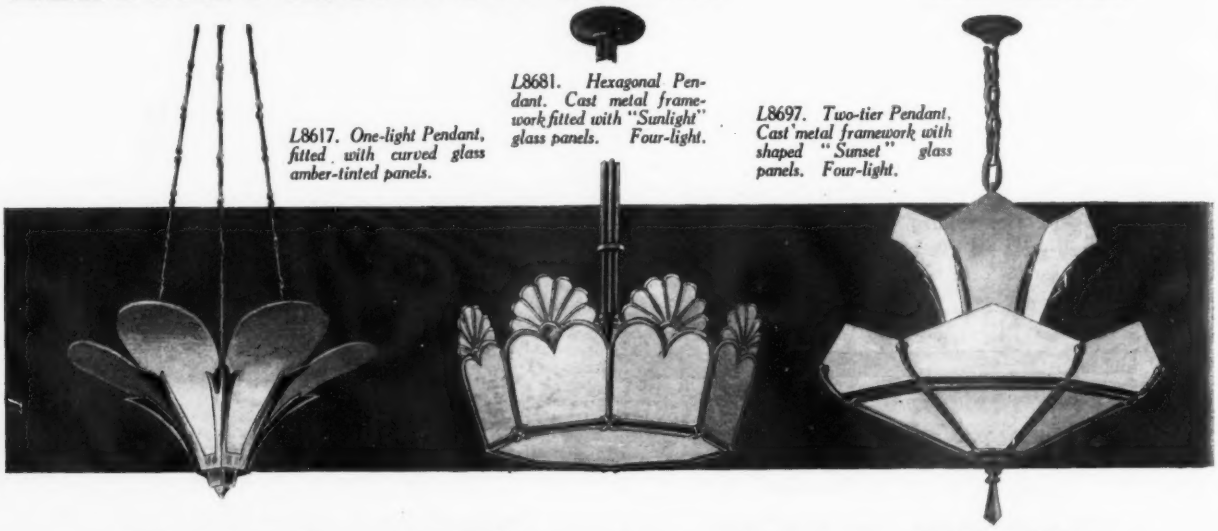

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L8681. Hexagonal Pendant. Cast metal framework fitted with "Sunlight" glass panels. Four-light.

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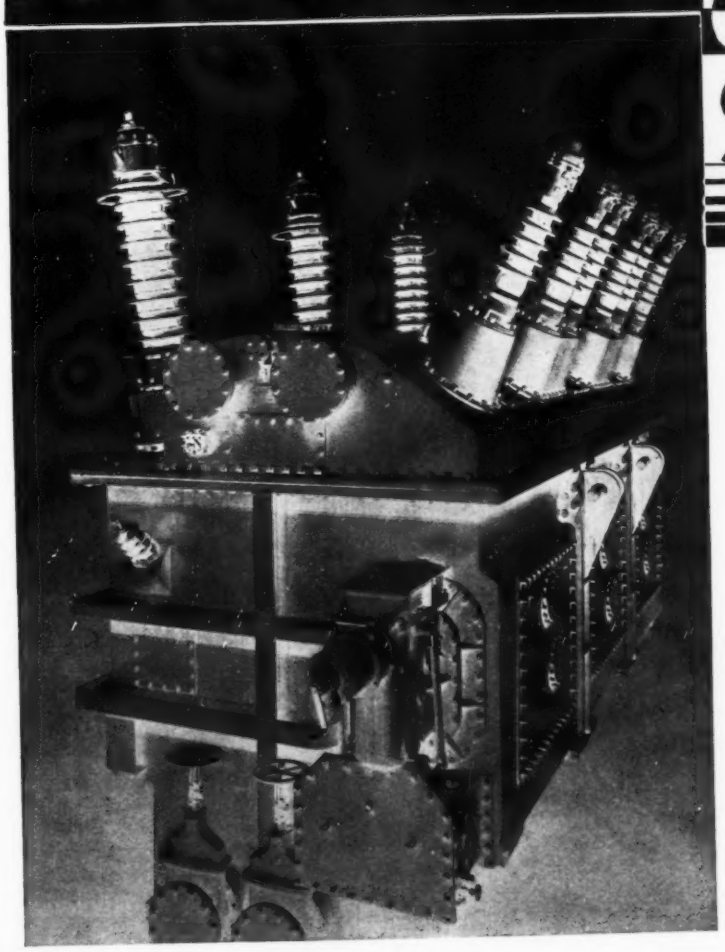

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Write for full particulars to Ferranti Ltd., Hollinwood.

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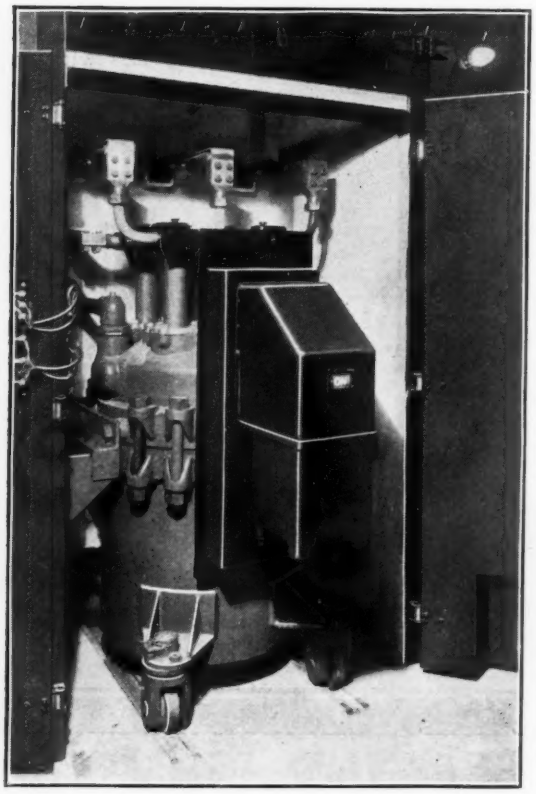

The worst hasn't happened yet, but it's likely to. This lad's clothes won't fit for ever; neither are your circuit breakers permanently adequate to meet the increasingly onerous conditions of modern power supply. Just as the size of the lad determines the size of his clothes, so the conditions of your system determine the rupturing capacity of your circuit breakers. Replacement is better than sudden displacement—and not so expensive.

On the left is seen one of the "R" breakers of known and dependable rupturing ability, installed in a cell originally occupied by a lower rupturing capacity breaker.

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HIGHER OPENSHAW, MANCHESTER

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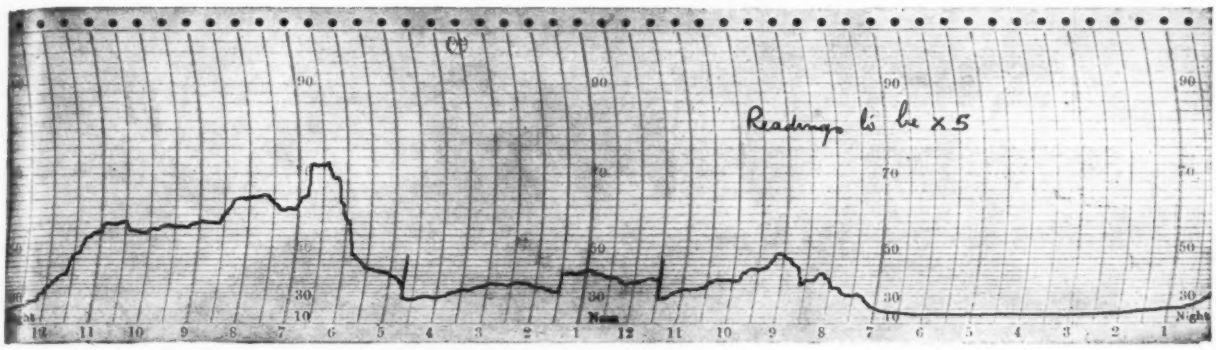

This is a facsimile reproduction of a portion of the chart received with the letter quoted below. It will be noticed that the scale readings are to be multiplied by 5 in order to obtain actual values.

Carrying ★ over 100% Overload

★ METROPOLITAN BOROUGH OF + + + + + + +
ELECTRICITY DEPARTMENT

Dear Sirs,

I enclose herewith a chart showing the current per phase which is being carried by a 150 amp. three-phase Henley Type Unit. The unit is one of seven in a unit type pillar. The unit has been in use for the past seven years and the fuse clips have not been changed.

It will be seen from the chart that the current carried per phase by the unit between 7 a.m. and midnight is 150 amps. minimum, between 5.50 p.m. and 11.30 a.m. 250 amps. minimum, and for half an hour between 6.15 and 6.45 p.m. 360 amps.

Why the cable and connections have to carry a heavy overload does not interest you, but the above facts might.

Yours faithfully,
(Sgd.) + + + + + + +
Distribution Engineer.

The original letter and chart may be inspected at this office.

You do not overload your cables and your distribution equipment if you can help it, but there are times when, in spite of the most careful planning, an unexpectedly heavy load has to be arranged for. It is in an emergency such as this that you will be able to prove the true worth of

HENLEY

UNIT TYPE

DISTRIBUTION PILLARS

W. T. HENLEY'S TELEGRAPH WORKS CO., LTD., HOLBORN VIADUCT LONDON, E.C.1

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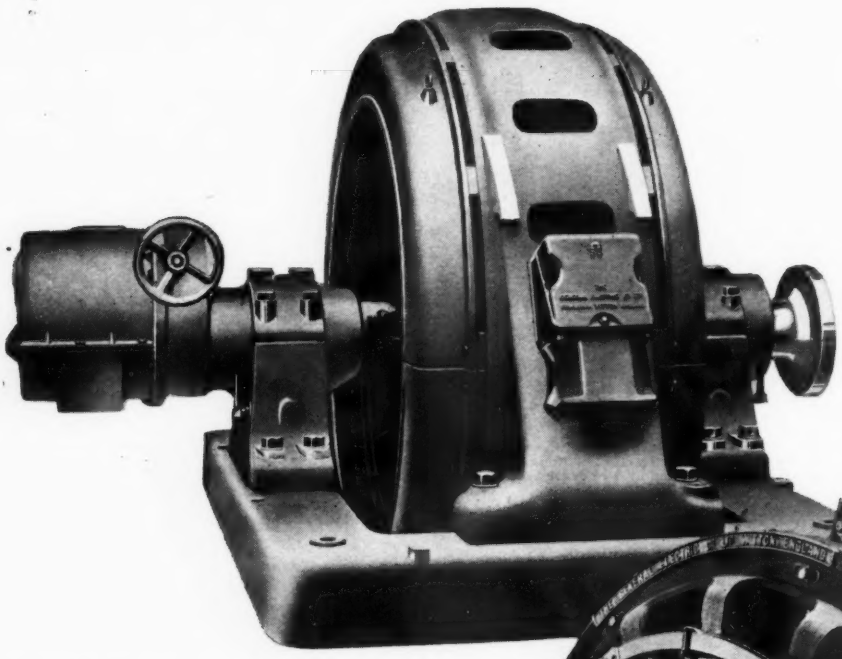

500 h.p. G.E.C. Induction Motor suitable for Colliery Purposes.

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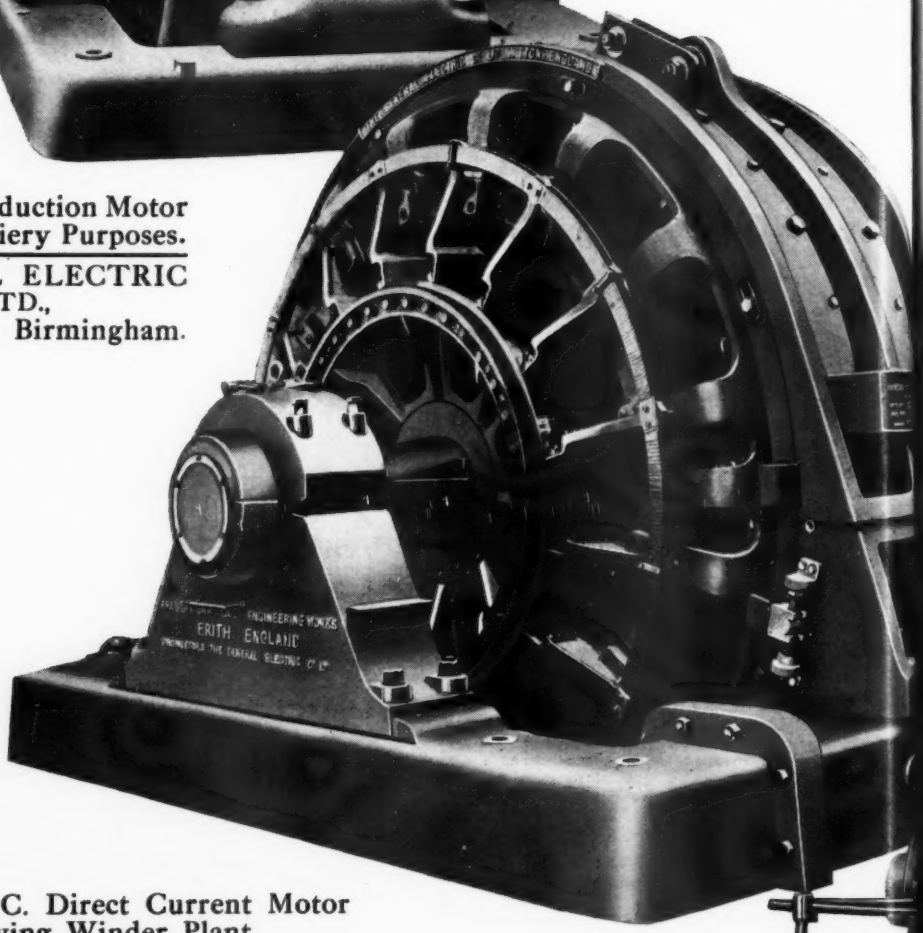

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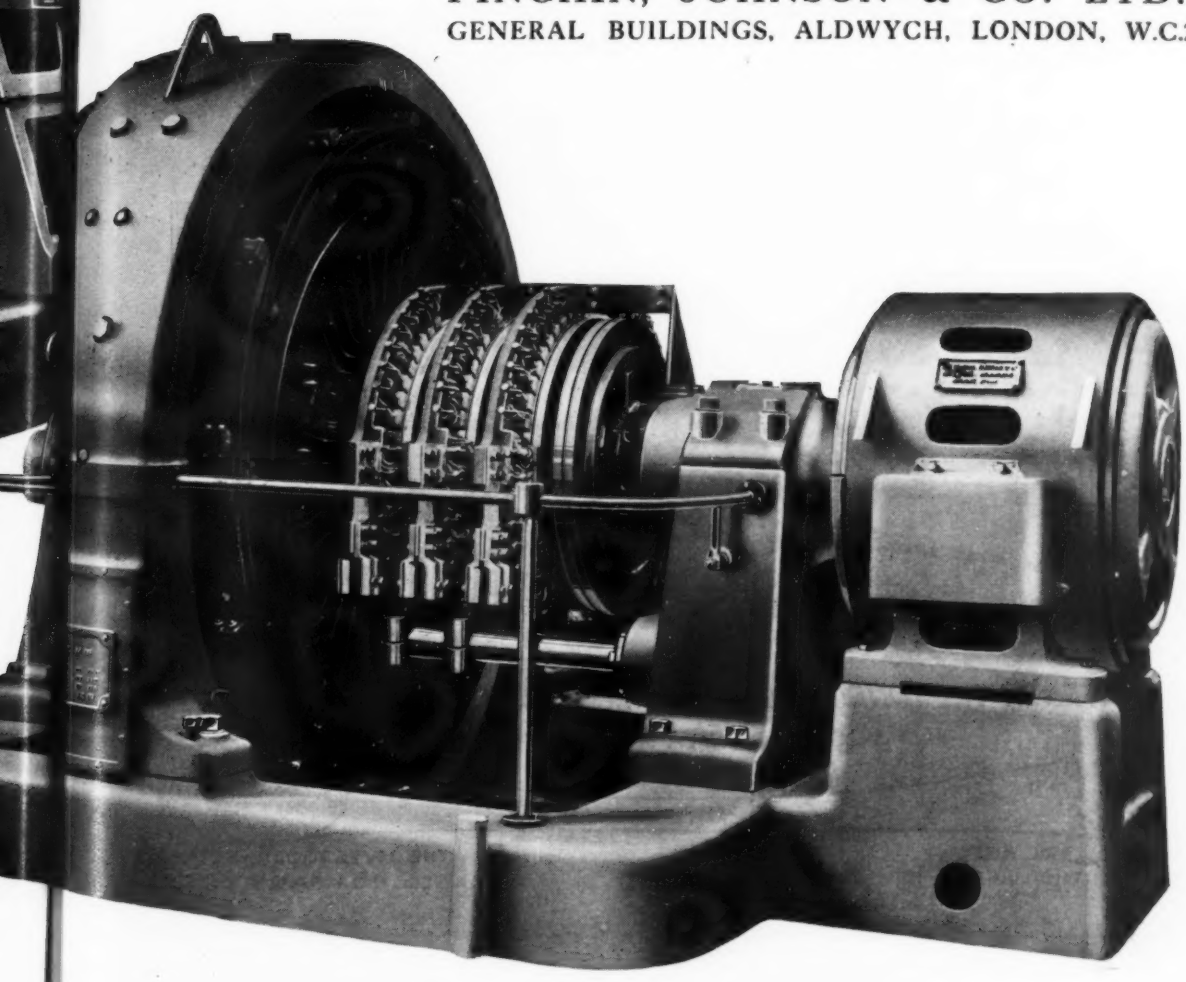

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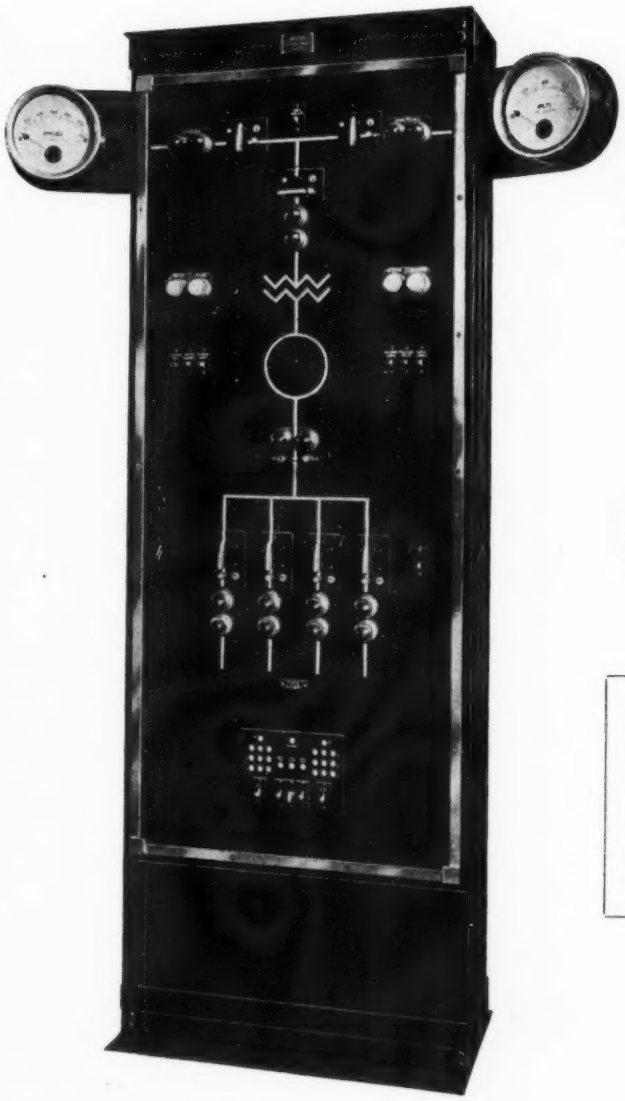

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CLEAR - BAKING
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SAFETY
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VERY HIGH DIELECTRIC STRENGTH AND INSULATION RESISTANCE.

UNAFFECTED BY OIL AT 100° C. AND EXCEPTIONALLY RESISTANT TO MOISTURE.

SO FLEXIBLE THAT AFTER 100 HOURS AT 100° C. IT CAN BE BENT DOUBLE WITHOUT CRACKING.

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HOT OIL PROOF. VERY FLEXIBLE.
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DRAINS WELL. CLEAN IN WORKING.

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FOR URGENT REPAIRS, ETC.

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GIVES EFFICIENT INSULATION.
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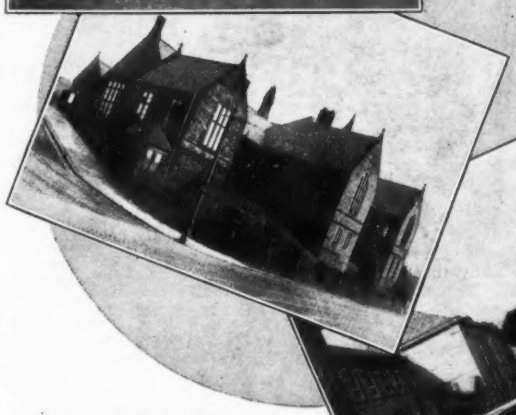

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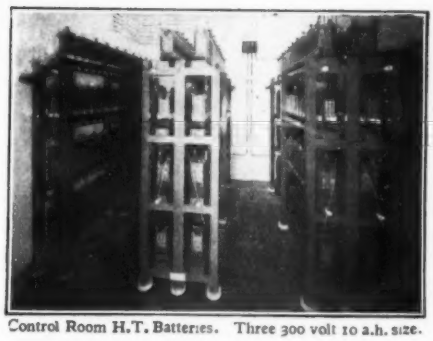

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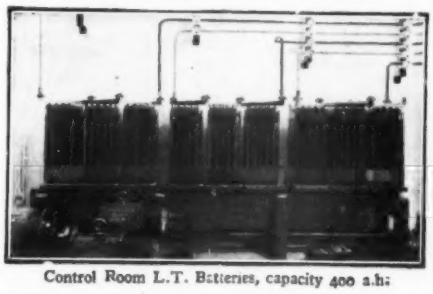
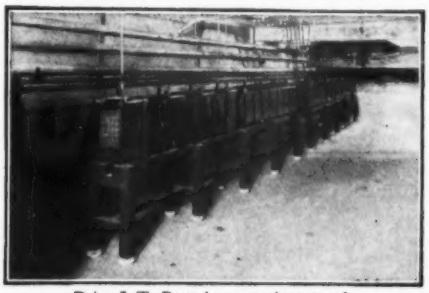


Control Room L.T. Batteries, capacity 400 a.h.



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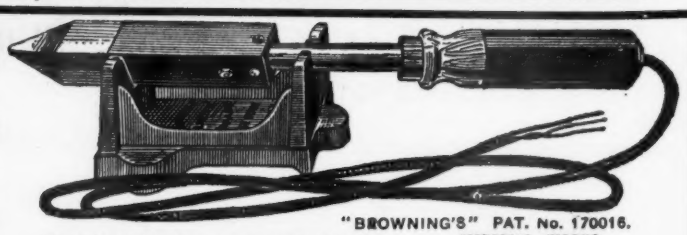

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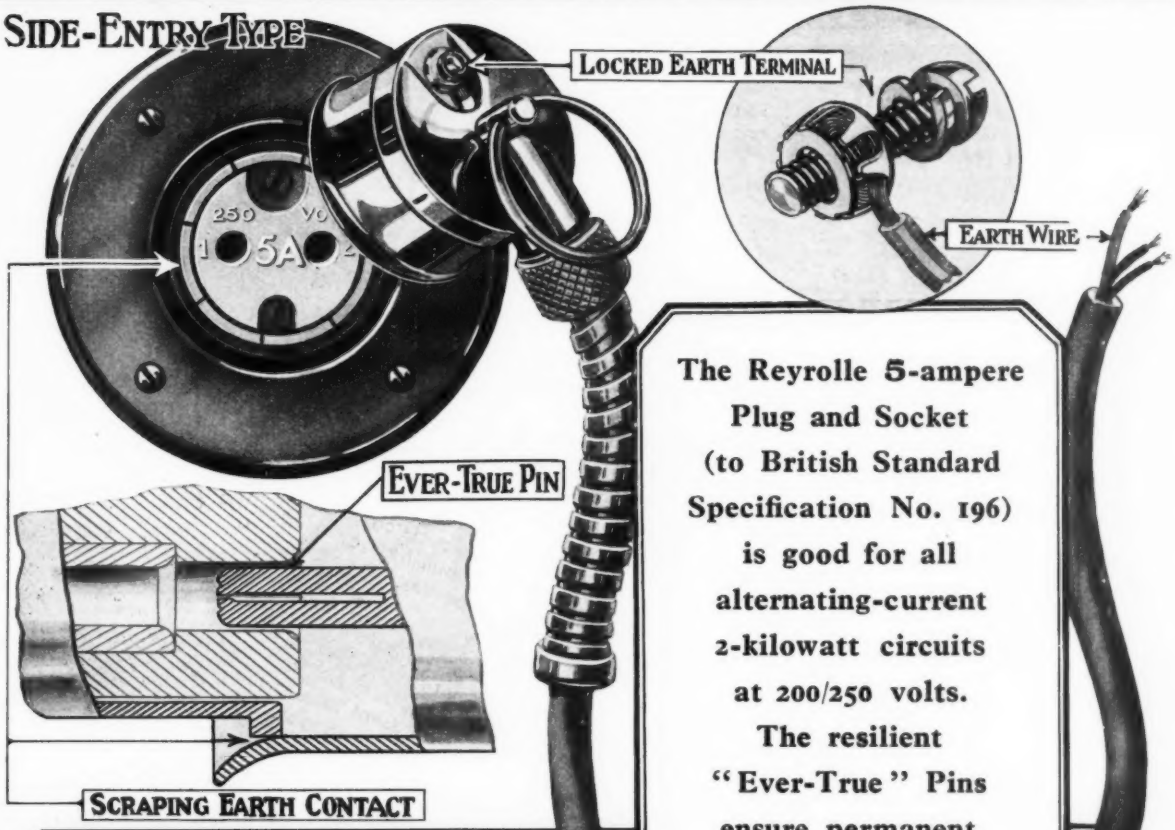

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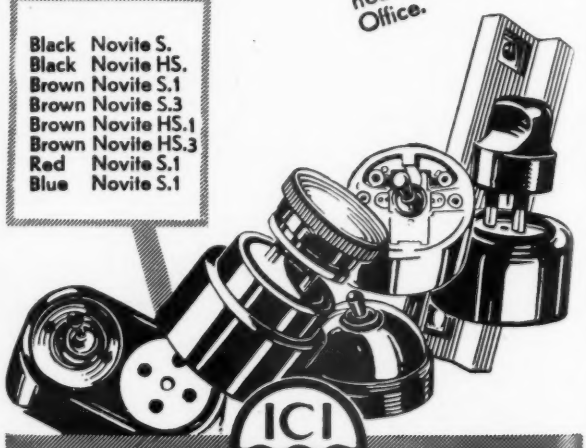

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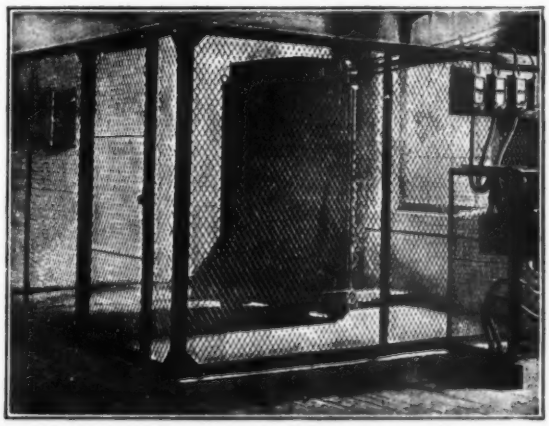

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INDEX TO ADVERTISERS.

Advertisers will please note that New Copy and Alterations to Existing Advertisements (with Blocks) should reach this Office not later than THURSDAY MORNING of the week previous to issue.

PAGE

Accumulator Makers' Assoc. ...
A.C.E.C. (Ateliers de Construction Electriques de Charleroi)
Adams, F. H. (1926), Ltd. .....
A.E.G. Electric Co., Ltd. .....
Airedale Elecl. Mfg. Co., Ltd. ...
Albion Clay Co., Ltd. xlii
Alton Battery Co., Ltd. xxxix
Anglo-Swiss Elecl. Co., Ltd. ... Sup. 3
Armstrong Addison Co. ..... Sup. 30
Armstrong, Stevens & Son .....
Armstrong Whitworth & Co., Sir W. G. (Engineers), Ltd. ...
Asea Electric, Ltd. ..... Sup. 15
Ashford, Dunn Co., Ltd. ..... Sup. 26
Austin and Hayes xl
Avery, W. & T., Ltd. .....

Babcock & Wilcox, Ltd. .....
Bakelite, Ltd. .....
Baldwin, H. J., & Co. ..... Sup. 34
Balmford, W. .....
Barker, Young & Co., Ltd. .....
Barns, W., & Son .....
Barrett & Elers, Ltd. .....
"Beeantee" Illuminations, Ltd., The v
Belling Co. .....
B.E.N. Patents, Ltd. .....
Benham & Sons, Ltd. .....
Benjamin Electric Co., Ltd. .....
Bennie (John), Ltd. i
Bennis, E., & Co., Ltd. .....
Berkeley & Young, Ltd. .....
Berry, Wiggins & Co. xxiii
Berry's Electric, Ltd. xxii
Bertram, Thomas iv
Bescoby, J. & J. .....
Beuttell, A. W., Ltd. viii
Bill, S., & Co., Ltd. v
Birkby's, Ltd. xxxiii
Birmingham Battery & Metal Co., Ltd. xxix
Birmingham Mica Co. .....
B.K.B. Electric Motors, Ltd. ...
Blackstone Co., Ltd. .....
Blackwell, F. C., & Co. .....
Blair, J. Martin .....
Bliss & Co., E. W. .....
Bolton, T., & Sons, Ltd. .....
Boulton & Paul, Ltd. .....
Boving & Co., Ltd. ..... Sup. 30
Bowker, S. O., Ltd. .....
Bratt Colbran & Co. .....
Brighton Lighting & Elecl. Eng. Co., Ltd. .....
Britannia Batteries, Ltd. .....
British Aluminium Co., Ltd. ...
British Dardelet Threadlock, Ltd. .....
British Electric Co. .....
British Electric Lamps, Ltd. ... xl
British Electric Resistance Co., Ltd. .....
British Electric Transformer Co., Ltd. ..... Sup. 27
British Electrical Development Association .....
British Insulated Cable, Ltd. Sup. 6 & 29
British Sangamo Co., Ltd. .....
British Thomson-Houston Co., Ltd. ..... Sup. 20
Brittain's Electric Motor Co....
Brook Motors, Ltd. .....
Brookhirst Switchgear, Ltd. Sup. 32
Brown Bros., Ltd. .....
Brown (David) & Sons (Hudd.), Ltd. .....
Brownie Wireless Co. (G.B.), Ltd. (The) .....
Browning's Electric Co. xxvi
Bruce Peebles & Co., Ltd. .....
Brush Elecl. Eng. Co., Ltd. .....
Buck & Hickman, Ltd. .....
Bull Motors, Ltd. .....
Bullers, Ltd. ..... Sup. 31
Bulpitt & Sons, Ltd. .....
Burdette & Co., Ltd. i
Burn, G., Ltd. .....
Burnley Components, Ltd. .....
Burt, Boulton & Haywood, Ltd. .....
Busfield, A. A. .....

Cable Makers' Association .....
Calders, Ltd. .....
Callender's Cable & Construction Co., Ltd. xi
Cambridge Instrument Co., Ltd. Sup. 36
Canning, W., & Co., Ltd. ... Sup. 30
Carron Company .....
Carter, W. H., & James, Ltd.
Cash, F. T. .....
Cellactite & British Uralite, Ltd.
Century Electric Co. .....

PAGE

Chamberlain & Hookham, Ltd.
Chamberlain & Willows .....
Chloride Elec. Storage Co., Ltd.
Churton, T., Harding & Co., Ltd. i
City Electrical Co., Ltd. i
Clarke, Chapman & Co., Ltd. ...
Clarke, H., & Co., (M/cr), Ltd. xxiv
Clifford (Charles) & Son, Ltd. xxxvii
Cloke, Geo. E., Ltd. xxxi
Collins Electrical, Ltd. .....
Commercial Structures .....
Concrete Structures, Ltd. .....
Concrete Utilities, Ltd. .....
Connolly (Blackley), Ltd. .....
Consolidated Pneumatic Tool Co., Ltd., The ix
Constable & Co. .....
Constructors, Ltd. .....
Crabtree, J. A., & Co., Ltd. ...
Crane, F., Chemical Co., Ltd. ...
Credenda Conduits Co., Ltd. .....
Creed & Co., Ltd. .....
Cressall Manufacturing Co. i & Sup. 35
Crewe, Allen & Co. .....
Crockatt, W., & Sons, Ltd. .....
Crompton Parkinson, Ltd. .....
Crossley Bros., Ltd. .....
Crypto Electrical Co. (The) .....
Cryselco, Ltd. ..... Sup. 4
Curtis Manufacturing Co., Ltd., The i
Cutting Bros., Ltd. i

Dacier, Ltd. .....
Dalyte Electrical Co. .....
Davidson & Co., Ltd. ..... Sup. 5
Davis & Timmins, Ltd. xlii
Dawson, E., & Co. i
De la Rue (Thomas), & Co. ... i
Derby Cables, Ltd. .....
Dermatine Co., Ltd. .....
Dexine, Ltd. .....
Donovan & Co. ..... Sup. 14
Dorman & Smith, Ltd. .....
Dowsing Radiant Heat Co. .....
D.P Battery Co., Ltd. xxv
Drake Gorham Wholesale, Ltd. xxiv & Sup. 32
Drayton Regulator & Instrument Co., Ltd. (The) .....
Dubilier Condenser Co. (1925) ...
Duport Foundries, Ltd. ..... Sup. 34

Earle, Bourne Co., Ltd. xxix
Edison Swan Cable Co., Ltd. .....
Edison Swan Electric Co., Ltd. Sups. 15 & 19
Electric Construction Co., Ltd. ...
Electric Fires, Ltd. iii
Electric Lamp Factors, Ltd. .....
Electrical Contractors' Assoc. ...
Electrical Equipment & Carbon Co., Ltd. ..... Sup 4
Electrical Screw & Rep. Works ...
Electro-Mech. Brake Co., Ltd. ...
Elliott Bros. (London), Ltd. xix
Ellison (George), Ltd. .....
Ellison Insulations, Ltd. ..... Sup. 35
Enfield Cable Works, Ltd. .....
Engineering & Lighting Equipment Co., Ltd. .....
English Electric Co., Ltd. .....
Equipment & Eng. Co., Ltd. .....
Ericsson Telephones, Ltd. ..... Sup. 22
Erskine, Heap & Co., Ltd. .....
Eve Construction Co., Ltd., J. L.
Everett, Edgcumbe & Co., Ltd.
Evershed & Vignoles, Ltd. ..... Sup. 2

Falk, Stadelmann & Co., Ltd. ...
Ferguson, Pailin, Ltd. xiv
Ferranti, Ltd. xiii
Fitter & Poulton, Ltd. .....
Fluxite, Ltd. ..... Sup. 34
Foster Engineering Co. .....
Foster Instrument Co. .....
Francis Lamplock .....
Fraser & Chalmers Eng. Works
Fuller Elec. & Mfg. Co., Ltd. Sup. 15

Geipel (William), Ltd. .....
General Chemical & Pharmaceutical Co., Ltd. .....
General Electric Co., Ltd. ... Sup. 10
Gent & Co., Ltd. ix
Gilkes, G., & Gordon, Ltd. xl
Gillespie & Beales .....
Gillett & Johnston, Ltd. .....
Gilsons .....
Gledhill Brook Time Recorders Sup. 24

PAGE

Glover, W. T., & Co., Ltd. .....
Green, E., & Son, Ltd. .....
Grey & Martin, Ltd. .....
Griffiths Bros. & Co., London, Ltd. xx
Guest, Keen & Nettlefolds, Ltd.

Hackney, A. G., & Co. .....
Hague & McKenzie, Ltd. .....
Hall, J. P., & Sons iv
Hann & Ingle ..... Sup. 32
Hardy & Padmore, Ltd. .....
Harper (John) & Co. .....
Harris, A. E., & Co. (Birmingham), Ltd. .....
Harris, J. F., & G., Ltd. .....
Hart Accumulator Co., Ltd. ... xxviii
Hart Bros. Elecl. Mfg. Co., Ltd. xxxiv
Heathman, J. H. xliii
Heenan & Froude, Ltd. .....
Henley's, W. T., Telegraph Works Co., Ltd. ..... xv & xxi
Hewittic Electric, Ltd. ..... Sup. 17
Heyes & Co., Ltd. .....
Hick, Hargreaves & Co., Ltd. x
Higgs Motors .....
Hildick & Hildick .....
Hogan & Wardrop iii
Holder-Harriden, Ltd. .....
Holmes, J. H., & Co., Ltd. .....
Holophane, Ltd. .....
Hooper's Telegraph & India-Rubber Works, Ltd. ..... Sup. 26
Hornby (Robert) & Co., Ltd. ....
Hotpoint Electric Appliance Co., Ltd. xxx
Hyde, J. B., & Co., Ltd. .....

I.C.I. Metals, Ltd. .....
Igranic Electric Co., Ltd. .....
Impag, Ltd. .....
Imperial Chemical Industries xxviii
India Rubber, Gutta Percha, & Telegraph Works Co., Ltd. .....
Insulators, Ltd. .....
Ioco Rubber & Waterproofing Co., Ltd. .....
Isenthal & Co., Ltd. ..... Sup. 4

Jackson Electric Stove Co. ix
Jenkins (Robert) .....
Johnson & Phillips, Ltd. i & Sup. 8 & 9
Johnson (R.), Clapham & Morris, Ltd. xxix
Johnson (Richard) & Nephew, Ltd. .....
Jones (Inigo)) & Co. .....
Joyner, C., & Co. .....
J.P. Tubular Heater Co. .....

Key Engineering Co., Ltd. .....
Kilpatrick (James) & Son, Ltd.
Kohler Co., Ltd. .....
Korting & Mathieson, Elec., Ltd. .....

Lancashire Dynamo and Crypto, Ltd. .....
Landis & Gyr, Ltd. .....
Leach, S. G., & Co., Ltd. i
Leonard, L. W. .....
Leys Malleable Castings Co., Ltd.
Litholite Insulators, Ltd. i
Liverpool Elec. Cable Co., Ltd. xviii
London Electric Wire Co., Ltd. xviii
London Fan & Motor Co., Ltd.
Lorival Mfg. Co. (1921), Ltd. .....
Low, A., & Sons, Ltd. ..... Sup. 16
Lundberg, A. P., & Sons, Ltd. Sup. 33

Macintosh Cable Co., Ltd. .....
Macintyre, J., & Co., Ltd. .....
Mansell & Ogan, Ltd. .....
Marconi Wireless Telegraph Co., Ltd. .....
Marelli & Co., Ltd. .....
Martindale Electric Co., Ltd. ...
Massingham, H. G. ..... Sup. 26
Mather & Platt, Ltd. vi
Matterson, Ltd. .....
Matthews & Yates, Ltd. viii
Mayall & Co., Ltd. iii
M. & C. Switchgear, Ltd. i
M.C.L. & Repetition, Ltd. xl

PAGE

McClure & Whitfield .....
McGeoch, W., & Co., Ltd. .....
McGregor & Co., R. .....
McKechnie Bros., Ltd. .....
Medical Supply Association, Ltd. i
Mersey Cable Works, Ltd. ... Sup. 21
Metallic Seamless Tube Co., Ltd. ..... Sup. 22
Metropolitan-Vickers Electrical Co., Ltd. ..... Sup. 23 & 25
Micafil, Ltd. .....
Micanite & Insulators Co., Ltd. i
Micklewright, Ltd. .....
Midland Electric Manufacturing Co., Ltd. ..... i & xli
Mills, W., Ltd. .....
"M.K." Electric, Ltd. .....
Morse Chain Co., Ltd. .....
Moseley, H. G., & Co., Ltd. .....
Moulded Products, Ltd. .....
Moy, Ernest F., Ltd. i
Mudie's Electrical Co., Ltd. .....

Nalder Bros. & Thompson, Ltd.
Nathan & Allen, Ltd. .....
National Register of Electrical Installation Contractors ... Sup. 14
Neill (James) & Co. (Sheffield), Ltd. xxvi
Neon Rays, Ltd. ..... Sup. 24
Newby & Son .....
Newmark & Co. .....
Newton Bros. (Derby), Ltd. xxxvii
Newtons of Taunton .....
Non-Ferrous Die Casting Co., Ltd. ..... Sup. 34
Normand Electrical Co., Ltd. xxxiv
Northern Steel & Hardware Co., Ltd. .....

Ozonair, Ltd. .....

Painter Bros., Ltd. .....
Park Royal Eng. Co., Ltd. .....
Parmiter, Hope & Sugden, Ltd. xxxv
Parsons, C. A., & Co., Ltd. .....
Partridge, Wilson & Co. .....
Pass (Capper) & Son, Ltd. .....
Peebles (Bruce) & Co., Ltd. .....
Petters, Ltd. .....
Philips Lamps, Ltd. .....
Phœnix Assurance Co., Ltd. .....
Pinchin, Johnson & Co., Ltd. xvi & xvii
Pirelli-General Cable Works, Ltd.
Pitman (Sir Isaac) & Son, Ltd.
Pope's Electric Lamp Co., Ltd. Sup. 28
Premier Electric Heaters, Ltd.
Premier Gas Engine Co., Ltd., The .....
Prichett & Gold & E.P.S. Co., Ltd.

Quasi-Arc Co., Ltd. i
Quickfix Electrical Fittings Co. (1928), Ltd. ..... Sup. 18

Rawlinson, S., Ltd. .....
Rawlplug Co. .....
Reavell & Co., Ltd. .....
Record Electrical Co., Ltd. i
Renold (Hans), Ltd. .....
Revo Electric Co., Ltd. ..... Sup. 7
Reyrolle, A., & Co., Ltd. xxvii
Rheostatic Co., Ltd. .....
Richardsons, Westgarth & Co., Ltd. ii
Robinson (Lionel) & Co. i
Rosenthal, Ph., & Co., A.G. ...
Ross, Courtney & Co., Ltd. iii
Rotherham & Sons, Ltd. .....
Rotoplunge Pump Co. .....
Ruberoid Co., Ltd., The .....
Ruston & Hornsby, The .....
Ryman, F. .....

Sadia, Ltd. .....
St. Helens Cable & Rubber Co., Ltd. xxiii
Sanders, W., & Co. .....
Sankey (Joseph) & Sons, Ltd. ...
Santon, Ltd. .....
Sax (Julius) Co., Ltd. i
Saxonia Electrical Wire Co., Ltd. i
Schneider, S. .....
Scott Insulated Wire Co. .....

CONTINUED ON PAGE XXXIV.

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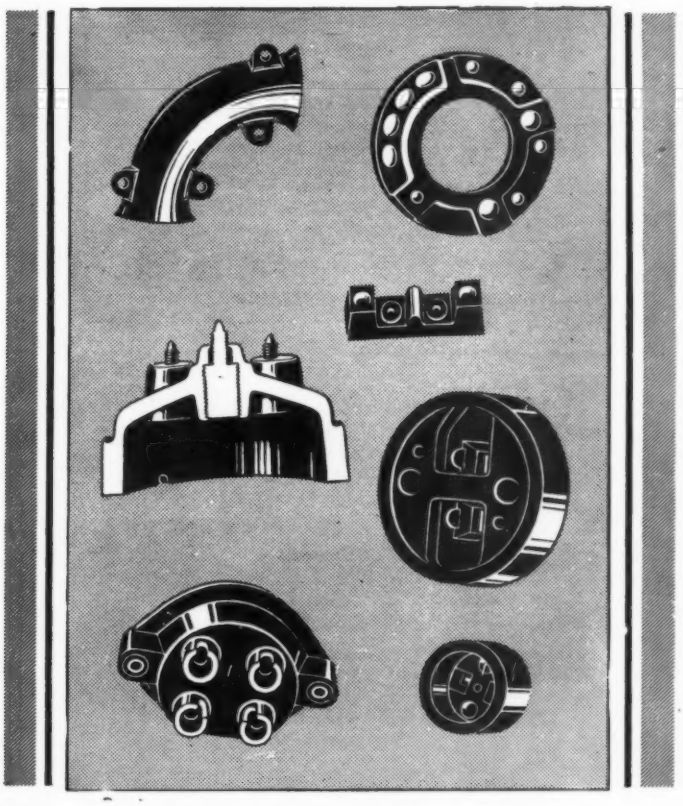

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INDEX TO ADVERTISERS—(*Continued from page xxxii*).

	PAGE
Siemens Bros. & Co., Ltd.	xix
Siemens Electric Lamps and Supplies, Ltd.	Sup. 22
Sihi Self Priming Pump Co.	xxxiv
Simmonds & Stokes, Ltd.	xliii
Simon-Carves, Ltd.	xliii
Simplex Conduits, Ltd.	Sup. 35
Sisson, W., & Co., Ltd.	
Skefko Ball Bearing Co.	x
Small Power Dynamo & Motor Co., Ltd.	i
Smith (Frederick) & Co., Ltd.	xviii
Smith's English Clocks, Ltd.	Sup. 18
Snow, T. F.	Sup. 32
Solenoid Regulator Co.	
Solus Electrical Co.	Sup. 26
Sperryn & Co.	
Spicers, Ltd.	xxix
Standard Battery Co.	
Standard Telephones & Cables, Ltd.	
Statter, J. G., & Co.	i
Stella Conduits Co., Ltd.	xliv
Sterling Varnish Co.	
Stirling Boiler Co., Ltd. (The)	
Streetly Manufacturing Co., Ltd.	
Sturtevant Engineering Co.	
Sun Electrical Co., Ltd.	xii
Sutcliffe Bros. & Bryce, Ltd.	xliii
Switchgear & Cowans, Ltd.	
Symonds, R. H., Ltd.	ii
Tarmac, Ltd.	
Taylor & Challen, Ltd.	xxxv
Taylor & Petters, Ltd.	ii
Taylor, Tunnicliff & Co., Ltd.	i
Telegraph Condenser Co., Ltd.	Sup. 5
Terry, Herbert, & Sons, Ltd.	xxxi
Thermega, Ltd.	
Tok Switches, Ltd.	
Tourtel Manufacturing Co.	Sup. 26
Transmission Lines & Cables Construction Co.	
Tucker, J. H., & Co., Ltd.	Sup. 1
Tudor Accumulator Co., Ltd.	
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Union Cable Co., Ltd.	
Universal Electric Lamp Co.	
Universal Winding Co.	
Vacuum Lamp Co., Ltd.	
Vandervelde, L.	
Varley Magnet Co.	xxxi
Venner Time Switches, Ltd.	vii
Veritys, Ltd.	Sup. 1
Vincent Switchgear Mfg. Co.	i & viii
Visco Engineering Co., Ltd.	xxxiv
Vulcanised Fibre, Ltd.	xxx
Walsall Conduits, Ltd.	
Walsall Electrical Co., Ltd.	
Walters (Austin) & Son, Ltd.	xxx
Ward & Goldstone, Ltd.	Sup. 3
Wardle Engineering Co., Ltd.	
Weekes (Luton), Ltd.	
Weir, G. & J., Ltd.	
Westinghouse Brake & Saxby Signal Co., Ltd.	Sup. 34
West Insulating Co., Ltd.	
Westminster Eng. Co., Ltd.	v
Westminster Tool & Electric Co., Ltd.	xxxi
Weston Elec. Inst. Co., Ltd.	xxii
Wheatley Kirk, Price & Co.	Sup. 11
White Elec. Instrument Co.	
Whittaker Bros., Ltd.	
Wiggins, F., & Sons	Sup. 26
Willcox, W. H., & Co., Ltd.	
Wolf, S., & Co., Ltd.	
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Wootton Co., Ltd.	
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Zenith Electric Co., Ltd.	i

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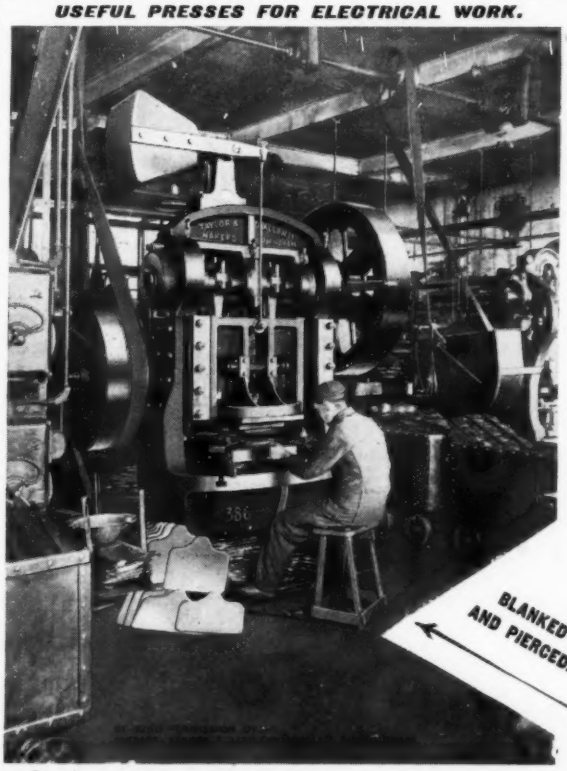

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CONTINUED ON PAGE XXXVIII.

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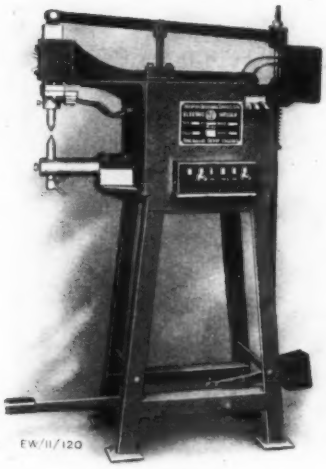

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Electrical Screw & Rep. Works.
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Strip Lighting
Northern Steel & Hardware Co., Ltd.

Strip Lighting Lamp Holders
"Beeantee" Illuminations, Ltd. (The).

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Bertram Thomas.
British Thomson-Houston Co., Ltd.
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Drake & Gorham, Ltd.
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CONTINUED ON PAGE XL.

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CLASSIFIED INDEX OF ADVERTISEMENTS.—(*Continued from page xxxviii.*)

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Drayton Regulator and Instrument Co., Ltd.
Nathan & Allen.

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Rheostatic Co., Ltd.
Venner Time Switches, Ltd.

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Newtons of Taunton.
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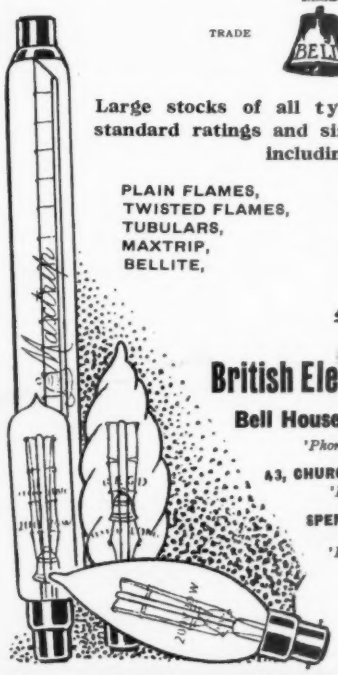

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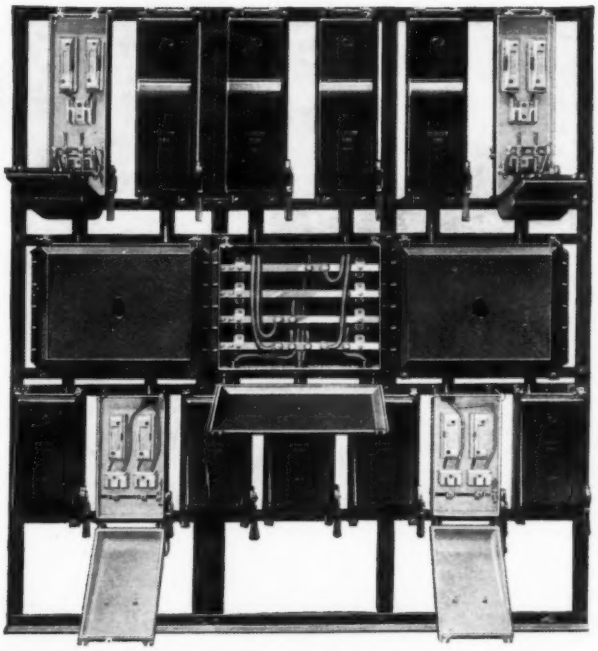

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fitted with Stanford Self-centring Joints

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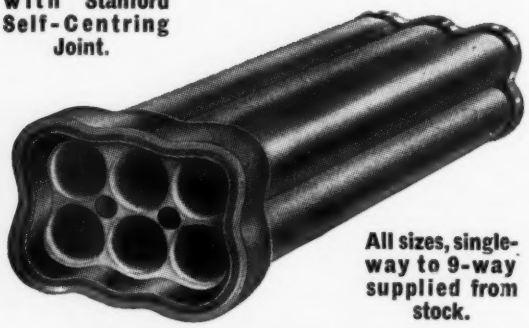

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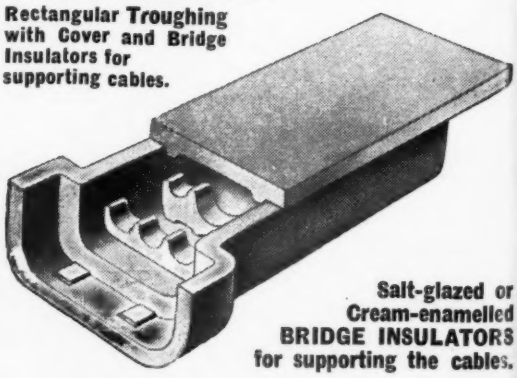

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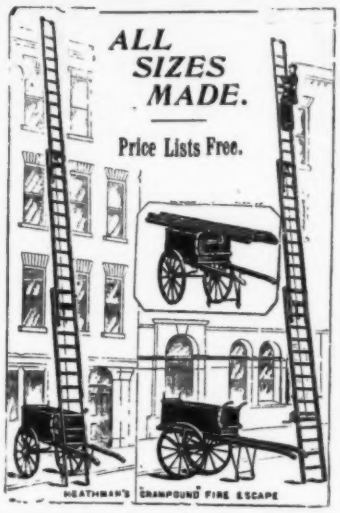

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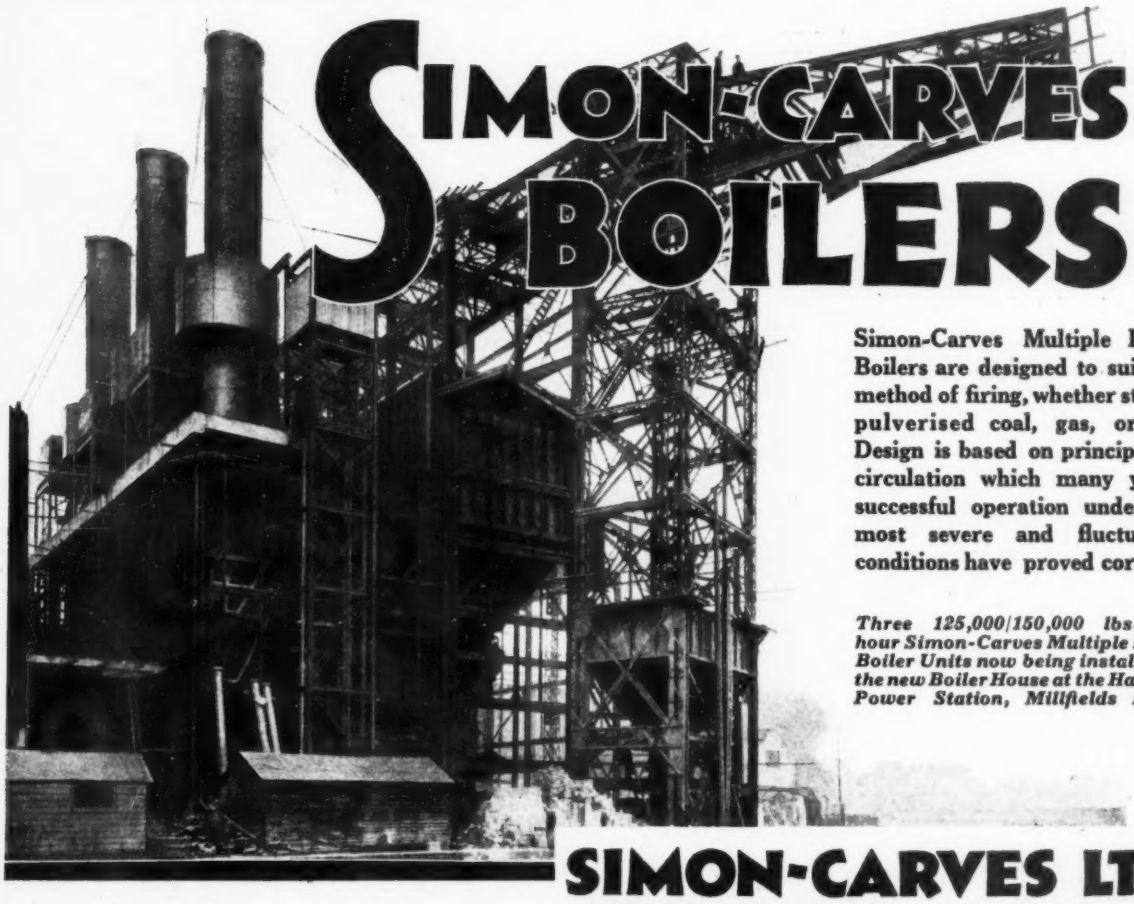

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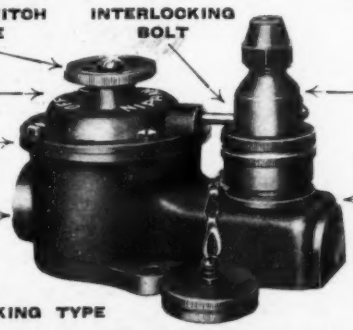

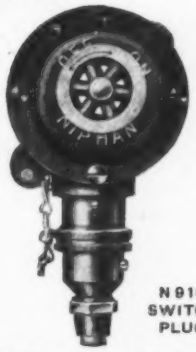

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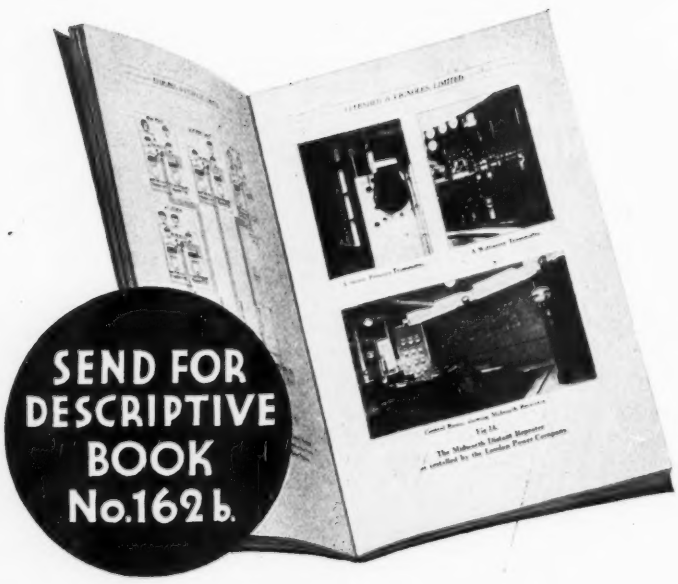

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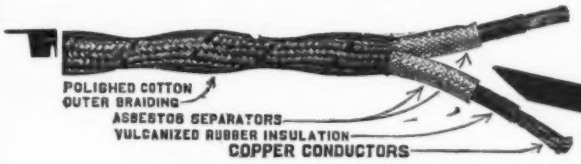

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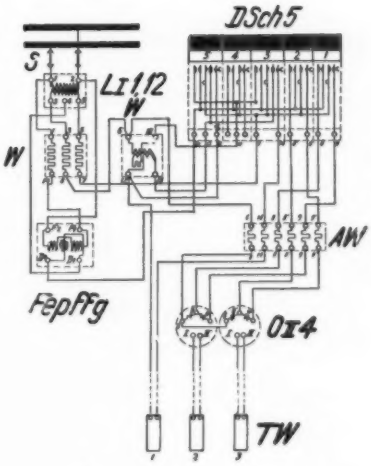

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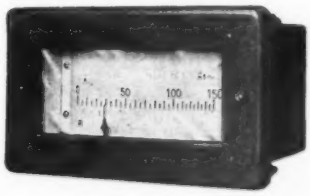

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CARDIFF: 30 Charles St. (Phone: Cardiff 7466.)
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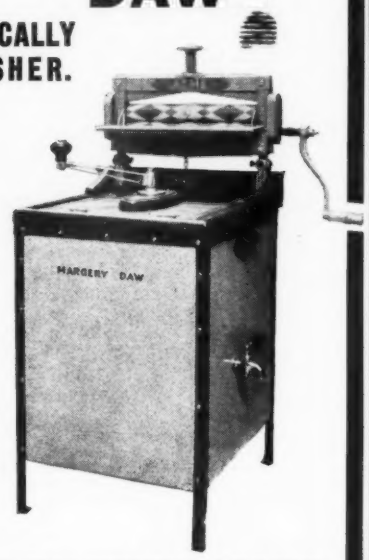
THE ELECTRICALLY HEATED WASHER.



LOADING: 3,000 Watts.

CAPACITY: 12 Gallons.

HEIGHT: 33 ins. without wringer.

CAN BE USED AS BOILER ONLY.

PRICE AS ABOVE BUT WITHOUT WRINGER:

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AUTOMATIC VOLTAGE REGULATORS

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This is the result of the increased production necessitated to meet a demand which has been steadily growing since 1923.

Please send full particulars of your problems, and ensure freedom from worries of voltage variations

FOR 1932

COME TO SEE THEM MADE AT

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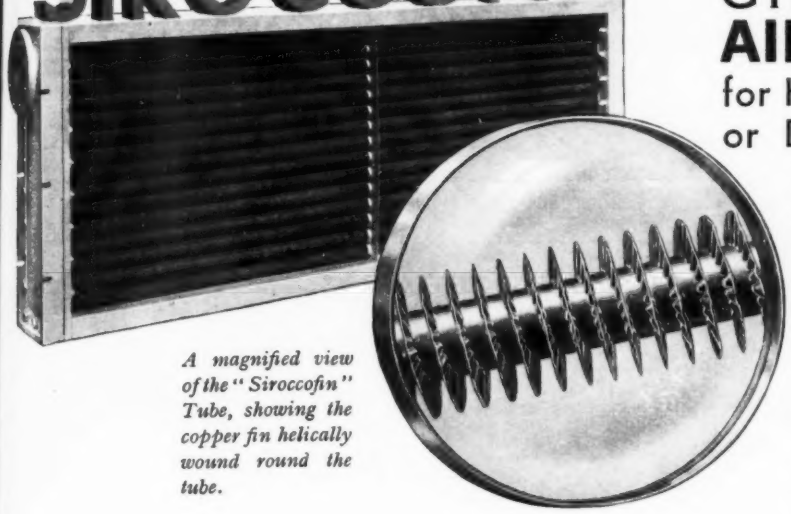
"SIROCCOFIN"



A magnified view of the "Siroccofin" Tube, showing the copper fin helically wound round the tube.

GILLED PIPE AIR HEATERS

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Efficient Heat Transmission. Economy of Space. Strong in Construction and Compact. Light in Weight. Suitable for pressures up to 200 lbs. per sq. inch.

Supplied in standard sizes with tubes varying from 2 feet to 10 feet in length, which can be built up to form a heating battery of any number of sections.

Write for Catalogue No. 30.

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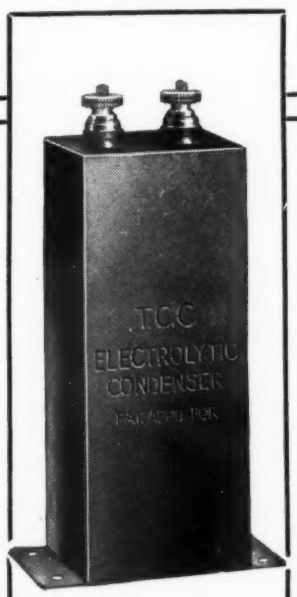

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CONDENSERS

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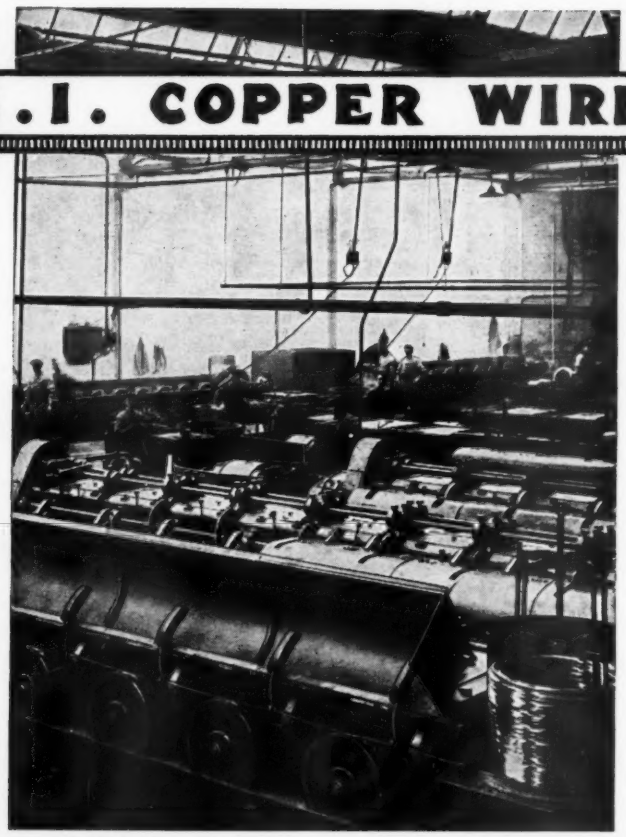

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As the largest manufacturers of cable for electrical purposes in this country, we are fully equipped with refining furnaces, rolling mills, extrusion presses and complete drawing plants, capable of producing every description of high conductivity copper for electrical purposes. These include, amongst others :—Round and Rectangular Wires and Strands, both plain and tinned ; Trolley Wires, round, grooved and special sections, Commutator Bars, Bus Bars and Controller Sections, Strips, Sheets, Circles, etc.

BRITISH INSULATED CABLES LTD.

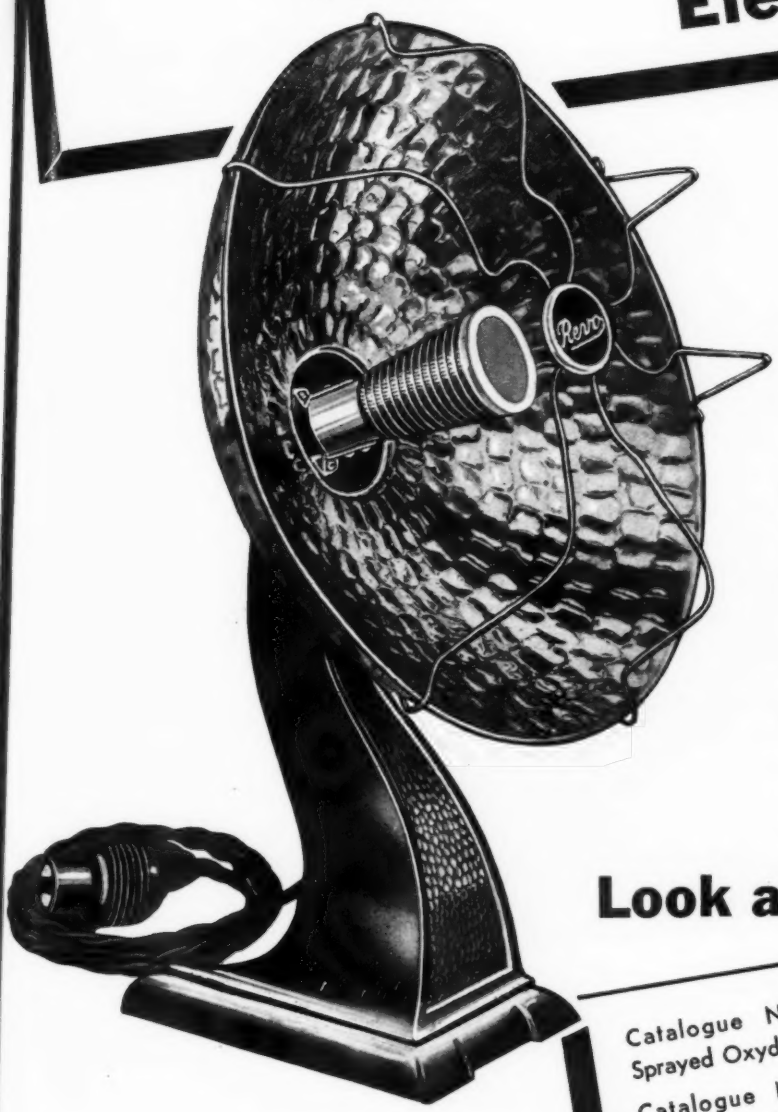
CABLE MAKERS AND ELECTRICAL ENGINEERS

PRESCOT, LANCS.

Telephone No. PRESCOT 171.

London Office. SURREY HOUSE, EMBANKMENT, W.C.2. Telephone No. TEMPLE BAR, 4793, 4, 5, & 6.

Another sensational "Value for Money" Electric Fire



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Show "New Sunbeams" in your window—let people see the details—the graceful spray finished base, the strong hammered copper bowl, and the new conical element.

"New Sunbeams" will sell fast—they give more people the chance to "get hot" and will, moreover, increase your reputation for selling "value for money" goods.

Look at the price!

Catalogue No. F6866 Sprayed Oxydised Silver;
Catalogue No. F6867 Sprayed Oxydised Bronze;

12/6 each.

Complete with 2 yds. flex and adapter.

"New Sunbeam" has a 12" diam. reflector with highly efficient conical element mounted in a well.

Revo

Maximum height 15"

Weight 3 lbs.

Loading 600 watts.

"NEW SUNBEAM"

Made by

REVO ELECTRIC CO., LTD., BRITANNIA WORKS, TIVIDALE, TIPTON, STAFFS.

Branches at London, Manchester, Glasgow, Cardiff, Newcastle, Portsmouth.

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Advt. of The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.

OVER 80 YEARS' EXPERIENCE

DEVOTED CONSISTENTLY TO

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OF

ELECTRICAL WORKS, PLANT AND EQUIPMENT

IS OUR JUSTIFICATION FOR SOLICITING YOUR PATRONAGE AND AN ASSURANCE OF GIVING SATISFACTION.

WHEATLEY KIRK, PRICE & CO.

46, Watling Street, LONDON, E.C.4.

ASSOCIATED MUNICIPAL ELECTRICAL ENGINEERS
(Great Britain and Ireland).

NOTICE.

APPOINTMENT OF BOROUGH ELECTRICAL ENGINEER, STOCKPORT CORPORATION.

APPOINTMENT OF RESIDENT ELECTRICAL ENGINEER, EAST GRINSTEAD COUNCIL.

MEMBERS of Associated Municipal Electrical Engineers (Great Britain and Ireland) and others are requested to refrain from making an application, or to withdraw an application already made, for either of the above-named appointments.

By Order of
The Executive Committee.

December, 1931.

ELECTRICAL POWER ENGINEERS' ASSOCIATION.

NOTICE.

APPOINTMENT OF BOROUGH ELECTRICAL ENGINEER, STOCKPORT CORPORATION.

APPOINTMENT OF RESIDENT ELECTRICAL ENGINEER, EAST GRINSTEAD COUNCIL.

MEMBERS of the E.P.E.A. are directed to refrain from making application, or to withdraw an application already made, for either of the above-named appointments, consequent upon the salaries offered for these posts being very much less than the appropriate scale figures.

W. ARTHUR JONES,
General Secretary.

102, St. George's Square,
London, S.W.1. December, 1931. 4296

SITUATIONS VACANT.

If letters are not to be delivered to certain firms or individuals (if known), instructions to that effect should be sent to the Manager of the ELECTRICAL REVIEW, who will do his best to carry out such instructions. Letters of applicants cannot in such cases be returned to them, nor can the names of Advertisers using a number in any way be disclosed.

Important to applicants for Situations Vacant—
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should *NEVER* be sent with applications.

DOMESTIC Refrigerators.—A splendid opportunity for competent Sales Representatives for London and Provinces to sell new British Refrigerators at very reduced price, affording better prospects than any other similar competitive line. Generous salary, commission, and expenses for right men. Excellent backing from Head Office. Preference for men with car and some past similar experience, and connections with the electrical and household appliances trade. First class references and records required.—Apply with full details past and present career to 4258, Electrical Review, 4, Ludgate Hill, London.

ELECTRICAL Engineer (age about 35), take control; willing for foreign agreement.—7409, Electrical Review, 4, Ludgate Hill, London.

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ELECTRICAL Maintenance Engineer, with long and varied experience of lifts.—Write in first place to Marryats, Hatton Garden, London. 4327

ESTIMATING and Supervising Engineer for London Contractors. Must be keen and energetic, about 30/35 years. First-class London experience essential. Preference given to one able to introduce business from Architects and Consulting Engineers. Replies are only invited from those possessing these qualifications.—Give full details of experience, where gained, age, and salary required to 4268, Electrical Review, 4, Ludgate Hill, London.

PLUMBER-Jointers wanted. Must be good Plumbers and capable of working on 3- and 4-core paper insulated cable. live joints. Wages, standard rate of 1s. 6½d. per hour for a 47-hour week. About two years' work guaranteed.—Apply by letter only to Cambridge Electric Supply Co., Ltd., 4, Market Hill, Cambridge. 4322

APPOINTMENTS FILLED.

Dissatisfaction having been so often expressed that unsuccessful applicants are left in ignorance of the fact that the position applied for has been filled, may we suggest that Advertisers notify us to that effect when they have arrived at a decision. We will then insert a notice free of charge under this heading.

CITY of Nottingham (Assistant Power Station Superintendent); Warrington Corporation (Draughtsman); Walthamstow Borough (Sub-station Attendant); Box 4183 (Junior Draughtsman); Box 4259 (Draughtsman); Box 4069 (Lady Demonstrator); Box 4070 (Showroom Attendant); Box 4111 (Progress Engineer).

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Advertisements are inserted under this heading at 14s. per inch.

SALES DEVELOPMENT.

ADVERTISER possessing best possible connection amongst every class of buyer of flexibles, small wires and cables, as well as electrical accessories, offers his services to manufacturers who desire to develop sales on a progressive basis.

Wide experience in sales management and control of representatives.

Serious propositions considered only.

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Box Number and ELECTRICAL REVIEW address count as seven words.

A CAPABLE Stenographer seeks post temporary or permanent; 11 years' electrical engineers' high-speed office routine, take charge office, deal correspondence own initiative.—7410, Electrical Review, 4, Ludgate Hill, London.

A QUALIFIED Electrical Draughtsman, age 25, urgently requires post at £3 10s. per week; preferably near London. —7377, Electrical Review, 4, Ludgate Hill, London.

ADVERTISER, single, desires change of Appointment in position of trust, where tact and foresight, combined with courtesy and administrative abilities would be of advantage. Has received over 25 years' continuous experience in the electrical contracting world in connection with installation work, and held present position of responsibility for over 10 years. Would accept moderate remuneration for permanent post offering good prospects.—7372, Electrical Review, 4, Ludgate Hill, London.

ADVERTISER (27), with own connection, desires position with manufacturers covered wires, cables, and flexibles. Ten years' experience with large firm.—7386, Electrical Review, 4, Ludgate Hill, London.

ADVERTISER (37), public school, 9 years with well known firm manufacturing electrical engineers, export sales management, seeks progressive position in London, where energy, tact, and initiative would be an advantage.—7363, Electrical Review, 4, Ludgate Hill, London.

A.M.I.E.E., mains engineer (46), University trained, high class experience industrial power and lighting, 6 years power station, last 7 years maintenance and operation of 33 kV, 11 kV, and L.T overhead and underground distribution, sub-stations, and as consumers' engineer. Desirous appointment on rural or semi-rural supply work. Moderate salary.—7396, Electrical Review, 4, Ludgate Hill, London.

ARMATURE Winder, electrical, mechanic, first class, 30, 15 years' experience, apprenticeship; manufacturing, repairs, experimental, maintenance, commutator building, fitting, turning, inspection, testing, supervising; all types A.C. and D.C., high-low tension plant, fractional—3,000 kW; references.—7393, Electrical Review, 4, Ludgate Hill, London.

SITUATIONS WANTED.—*Continued.*

CABLE Expert, electrical engineer and Doctor of Physics (age 28, single), Austrian nationality, for several years with an important German cable works (super tension and telephone cables, electrical communication, high tension engineering), thorough experience of laboratory research and test-floor work; patent experience; excellent knowledge of English and French; first-class references; requires position electrical industry (preferably cable work) or research institute. —4297, Electrical Review, 4, Ludgate Hill, London.

DEPUTY Chief Electrical and Mechanical desires change; 26 years' practical experience; 6 years workshops, erection, locomotive and power station equipment; 12 years in central power station (traction), steam turbine alternators, pulverised fired boilers, station capacity 80,000 kW; 8 years in control of heavy electric traction service, battery and line locomotives, erection and maintenance of rotary and mercury rectifier substations.—D.C., 7402, Electrical Review, 4, Ludgate Hill, London.

DRY Batteries. Works manager, or responsible position, required, 15 years' experience, manufacturing throughout, all kinds.—7424, Electrical Review, 4, Ludgate Hill, London.

ELECTRICAL Engineer seeks change; first-class, all-round, a.c., d.c., armature winder, lighting and power, maintenance.—7355, Electrical Review, 4, Ludgate Hill, London.

ELECTRICAL Engineer (26), technical college diploma, nine years' sales, drawing office, and test bench experience, seeks situation in drawing office, showrooms, purchasing, or sales department; London preferred.—7373, Electrical Review, 4, Ludgate Hill, London.

ELECTRICIAN requires position, Birmingham district, lighting, power, and cinema installations; charge if required; testimonials.—Electrician, 30, Talbot Street, Brierley Hill, Staffs. 7395

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LEDGER Clerk (male, 23) seeks progressive position. Excellent references. Salary £2 15s.—T. W., 115, Gordon Road, S.E.15. 7383

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SITUATIONS WANTED.—*Continued.*

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ELECTRIC MOTORS AND DYNAMOS.

WE hold one of the largest Stocks of New and Second-hand Motors. Second-hand Machines are thoroughly overhauled. Inspection and Tests can be made at our Works.

For Sale or Hire. Send your inquiries to Messrs.

BRITANNIA MANUFACTURING CO., LTD.,
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Telephone: 5512-3 Clerkenwell. 13

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ONE 3-panel Steel-cased High-tension Switchboard, by "Metropolitan-Vickers," consisting of wattmeter, voltmeter, three ammeters, and three 300 amp, 6,600 volt oil-immersed line switches, and accessories; unused.

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Panel, as above, with four Breakers of 1-300, 2-200, and 1-100 amp capacity.

"MORRIS" ELECTRIC LIFTING BLOCKS.

1 ton—suitable for 220 volts D.C. £50
30 cwt.—suitable for 400/440 volt, 3-phase, 50-cycles ... £50
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OIL-COOLED TRANSFORMERS.

Two 200 kVA 6,600/6,000 volt primary, 440/400 volt Secondary, 3-phase, 50-cycles ... ... £60 each
Two 46 kVA 440 volts. Primary, 155 volts Secondary, 1-phase, 50-cycles, with Low-tension Tappings £30 each
One 30 kVA 400 volts Primary, 110 volts Secondary, 3-phase, 50-cycles £25

We also carry a stock of 1,000 Electric Motors and Generators, Steam and Oil-driven Generating Sets, and Electrical Plant of every description. Please send your inquiries to:—

THE CENTRAL ELECTRICAL ENGINEERING WORKS,
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BRISTOL.

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GREENHALGH BROS.,
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WE carry one of the largest stocks in Electric Plant of all descriptions in the country. All guaranteed and at reasonable prices. 'Phone: Atherton 117. 891

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HOLD the finest selection of new and second-hand Electric Motors in Central London. All motors sold at 1931 prices; they are guaranteed and can be seen running at 107/109, Gray's Inn Road, W.C. 'Phone: Holborn 5848/9. 'Grams: "Epaltrical, London." 3677

FOR SALE.—*Continued.*

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Reduced Prices.

Two 500-kW, self-synchronising Metropolitan-Vickers, 250/270 volts, d.c., 6-ring, with transformer 10,500 volts, 3/6-phase; as new.

500 Motors, Dynamos, Transformers, all voltages and frequencies.

Switchgear, Instruments, Welders, Generating Sets, etc., in stock. Best makes. New and equal to new. Fully guaranteed. Inspection and inquiries invited.

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Telegrams: Rheostat, West Bromwich. 1689

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TWO Westinghouse Rotary Convertors, 3/6 phase, 50 cycles to 440/500 and 220/250 volts d.c., with Starting Panels.

One d.c. Generator, 110/150 volts, 600 amps., 750 r.p.m., by Bergman.

One 50 h.p. 3 phase, Slip-ring Motor, 440 volts, 720 r.p.m., 50 cycles, Harding Churton.

Send us your enquiries for everything electrical. 4318

THE BELL ELECTRIC LAMP CO., LTD.,
70, Banner Street, Golden Lane, London, E.C.1.

LARGE STOCKS OF GASFILLED LAMPS, BOTH BRITISH AND CONTINENTAL.

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WATER-TUBE BOILERS.

WATER-Tube Boilers for Sale with immediate delivery; "B. & W.," "Stirling," "Woodeson," &c. Sizes from 5,000 to 30,000 lb., all working pressures. All recent make, in new condition. Erected complete and guaranteed. Economisers, Generating Sets, Motors, and all Auxiliaries.—Burford, Taylor & Co., Boiler Specialists, Middlesbrough. 21

FOR SALE.

ONE 290/300-h.p. Belliss and Morcom Compound Reciprocating Engine suitable for steam pressure of 160 lb. per sq. in., direct coupled to 200-kW, 400-V Westinghouse Generator.

The engine is in good running condition and can be inspected on site.

For further particulars apply to
Borough Electrical Engineer,
Electricity Works, Bury St. Edmund's.
4319

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AMMETERS, Voltmeters, House Service Meters, etc., low prices; meter repair of every description.—The Victa Electrical Co., 47, High Street, S.W.11. 6721

AS New.—15 h.p. G.E.C. Induction Motor, 400 V, 3 p., 50 c., 920 r.p.m., oil-immersed starter; and others.—Winkworth, Machinery, Staines. 4321

DIX-Onemeter 55-range meter, micro. and amps., milli and volts, ohms and megs., all on one precision moving coil Meter. Accurate and marvellously cheap. 55s. Worth £10. —Leslie Dixon Instruments, 218, Upper Thames Street, E.C.4. 10

ELECTRIC Cable, 50 feet, unused, manufactured 1931, four cores three at 0.5 and one at 0.25 sq. ins., 660 V., V.I.R., L.C., S.W.A., served C.M.A. Standard, cost £45. In London. Offer invited.—7426, Electrical Review, 4, Ludgate Hill, London.

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FOR SALE.—*Continued.*

NAMEPLATES, metal and ivorine, Repetition Engraving Stencils, Steel Punches.—Stilwell & Sons, 7, Jordan Well, Coventry. 14

PORTABLE Electric Lighting Plants for country houses, garages, etc., all sizes in stock at ridiculously low prices. —Burleigh, 45, Hornsey Road, London, N.7. 2736

60-kW Allen Turbo-Generating Set, 220 V, d.c., 200 lbs. w.p.; 120-kW Steam Generating Set, Allen, 230 V, d.c.; 40-kW Phœnix Dynamo, 220 V, d.c., 300 r.p.m.—Harry H. Gardam & Co., Ltd., Staines. 'Phone 98. 4331

110 KVA Alternators, also 35-kVA Generating Sets, 50 periods. Any voltage, with 46-h.p. oil engine, new, and complete. At less than half makers' present-day prices. —Write for Catalogue, Farrow & Sons, Ltd., Spalding. 26

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AGENCIES Wanted by experienced Sales Engineer with Birmingham office and extensive connection in the Midlands regularly covered by car.—7420, Electrical Review, 4, Ludgate Hill, London.

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ACCUMULATOR Plates (old) and Lead Peroxide; as actual smelters we pay top prices. Also (dismantling dept.) old storage batteries, dynamos, transformers and whole installations purchased.—Elton, Levy & Co., Ltd., 18, St. Thomas' Street, London Bridge, S.E.1. Hop 2825-6. 4115

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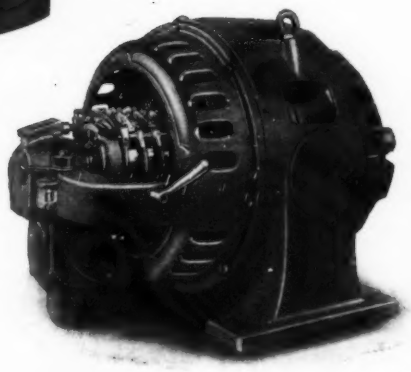

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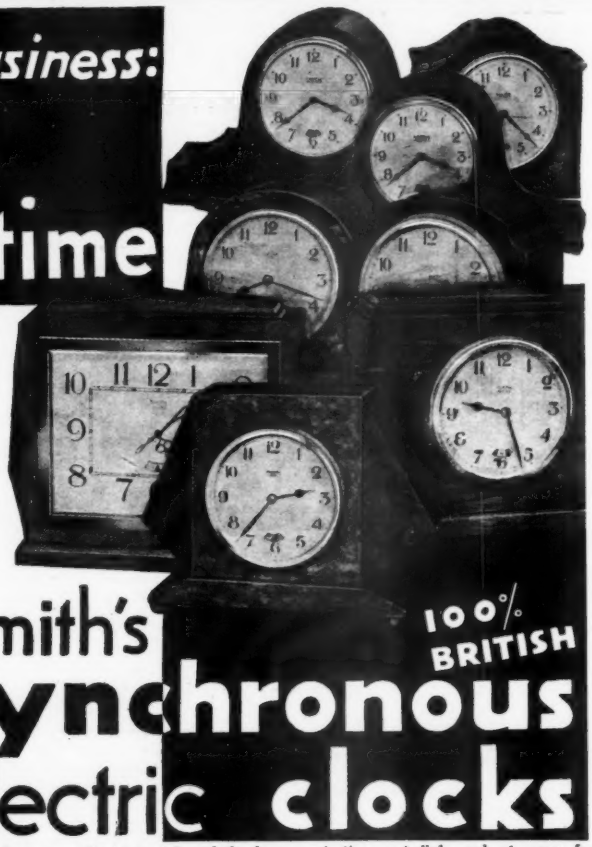

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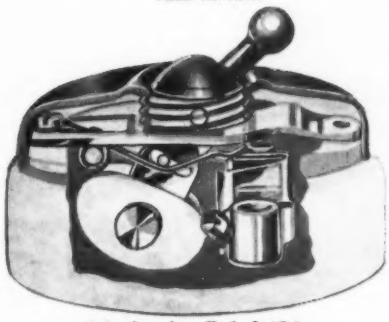

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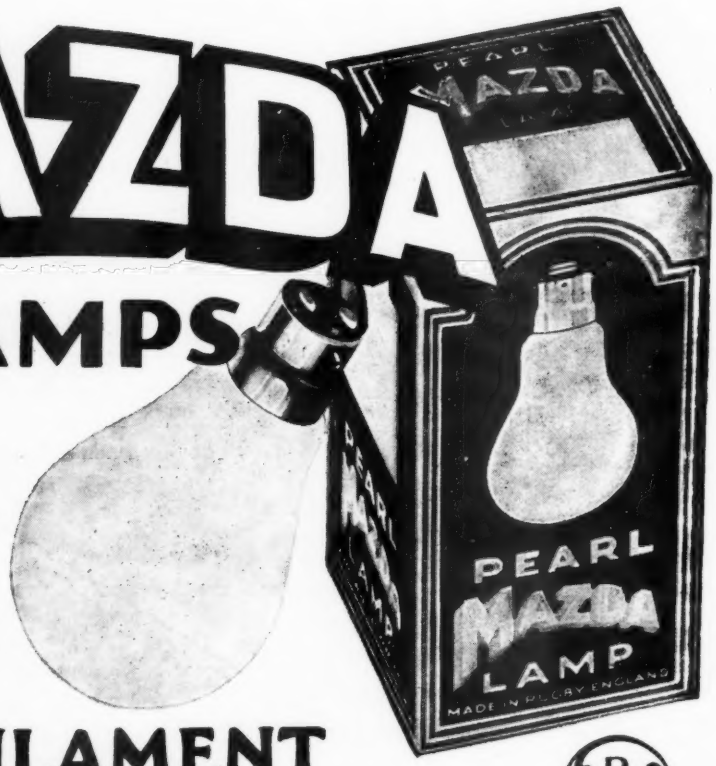

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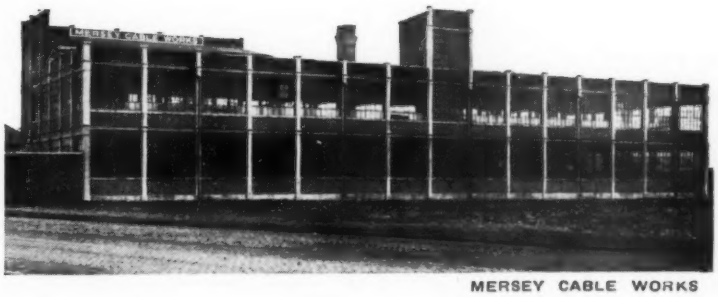

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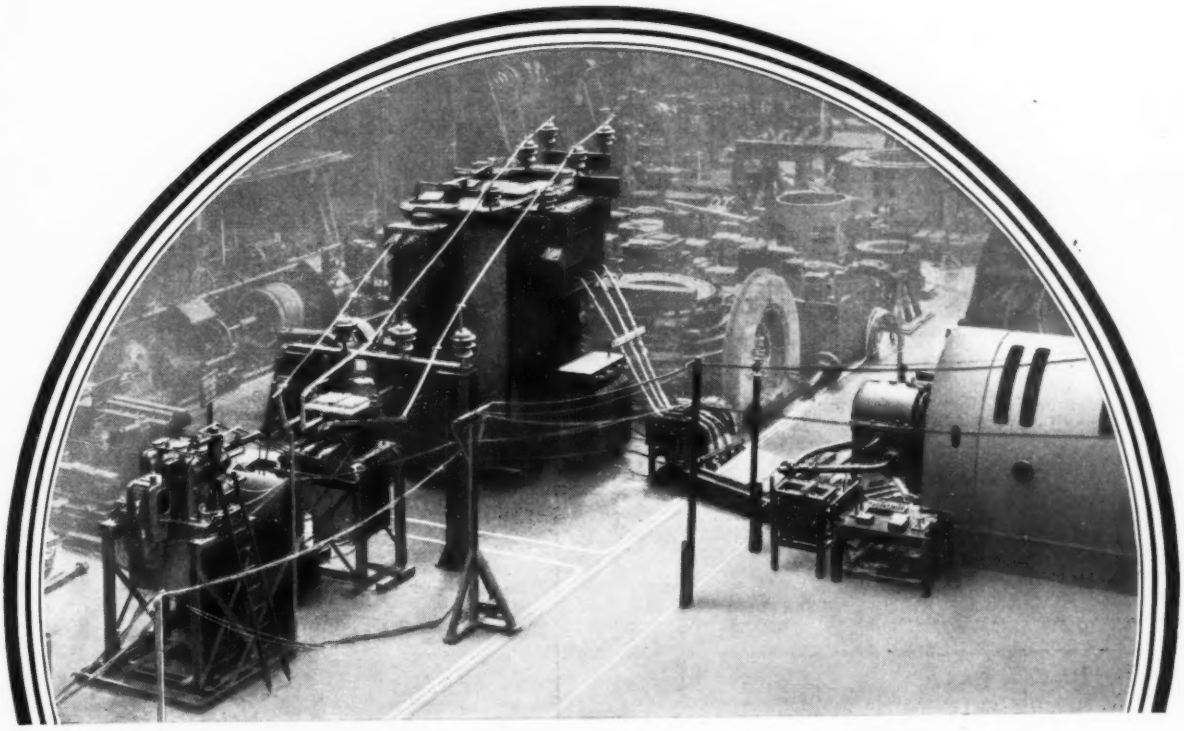

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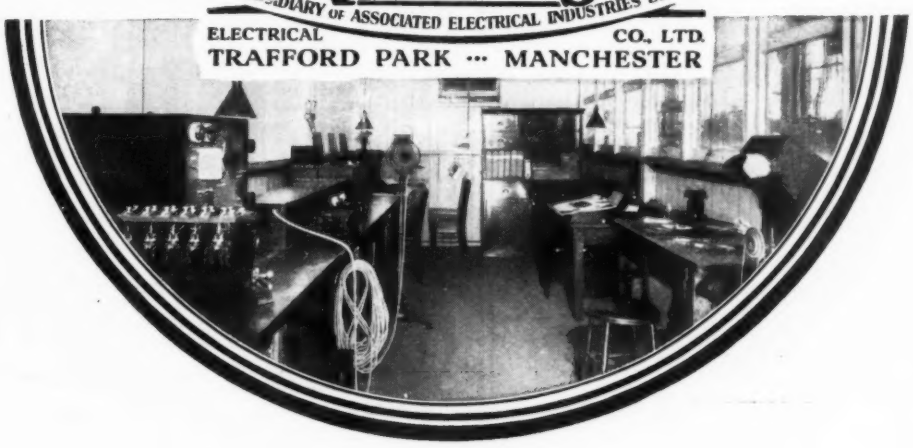

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To Electrical Engineers.

THE Education Committee invite tenders for Installing Electric Light at **Carter Road Central School,** now in course of erection.

Persons desiring to tender are requested to make written application to Mr. John H. Jacques, F.R.I.B.A., Architect to the Committee, 61, West Ham Lane, Stratford, E. 15, for copy of Specification, Conditions and Form of Tender, not later than Friday, 1st January, 1932. Each application must be accompanied by a deposit of £1, to be returned to those who send a bona fide tender, in the manner and at the time stipulated.

Sealed tenders in the envelopes supplied must be delivered at the Education Department, 95, The Grove, Stratford, E. 15, not later than 6 p.m. on Monday, 18th January, 1932. The Committee will not be bound to accept the lowest or any tender.

The Contractor whose tender is accepted and with whom a Contract is entered into, will be required to enter into a bond with sureties for the due and satisfactory performance of the Contract, and to pay the whole of his workmen such rates of wages and observe such hours of labour as are recognised by the Trades Unions.

In the event of any breach of such agreement, the Council will enforce the penalty clause, in its entirety.

CHARLES E. CRANFIELD,
Town Clerk and Education Officer.

Education Department, 95, The Grove, Stratford, E. 15.
21st December, 1931.

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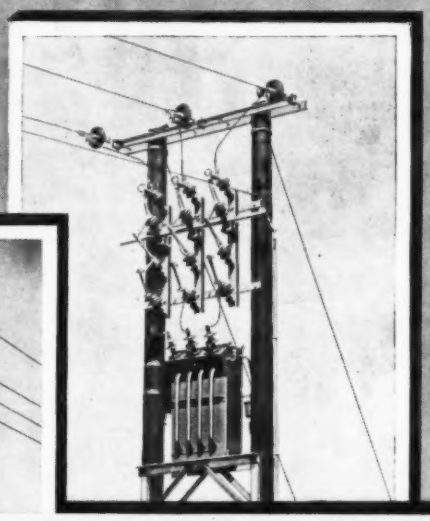

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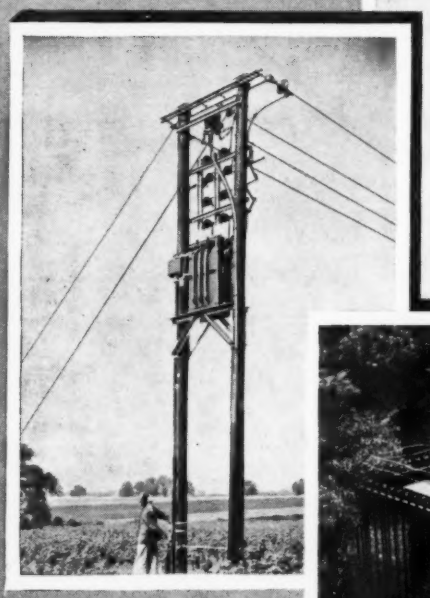

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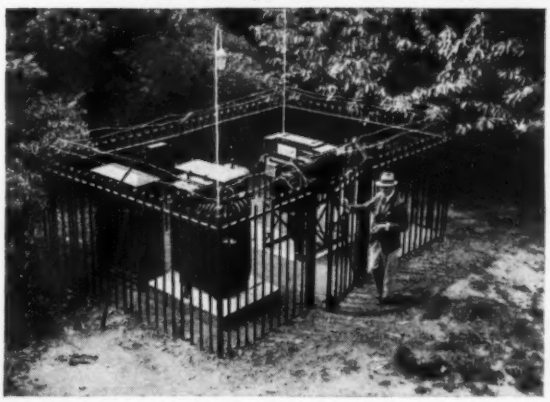

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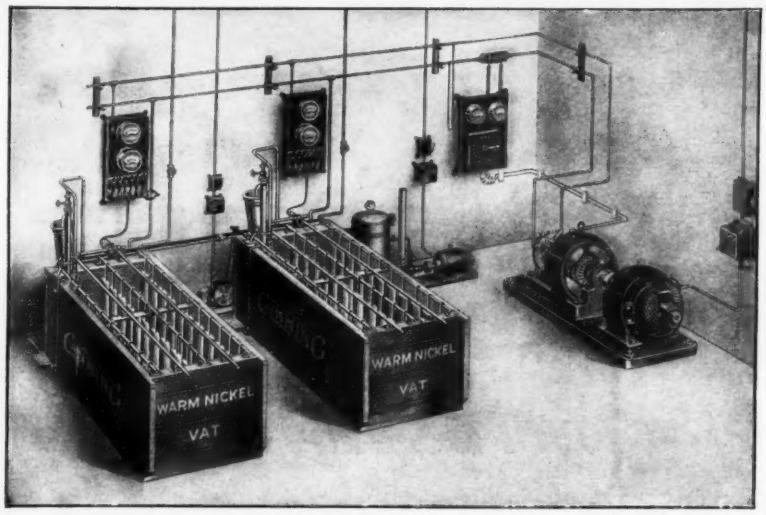

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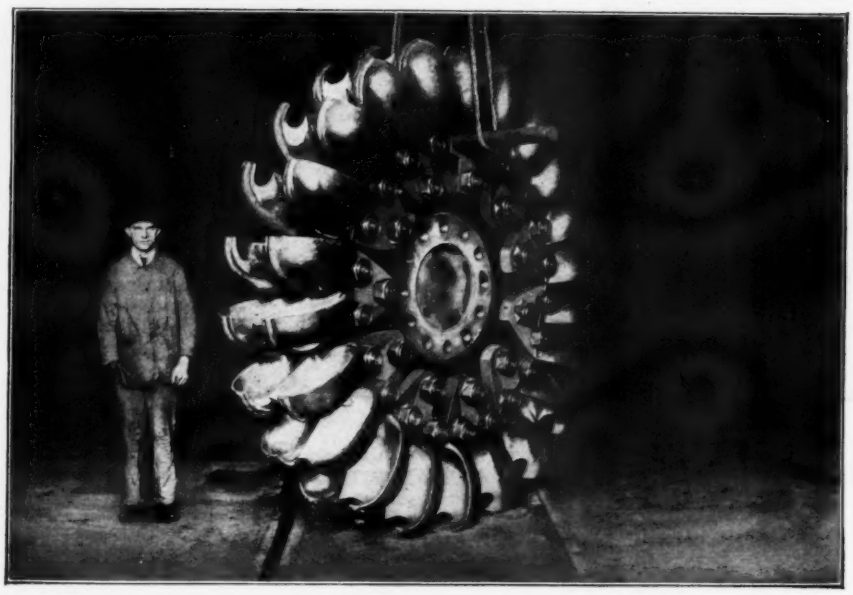

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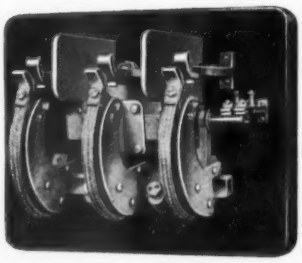

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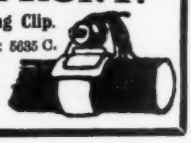

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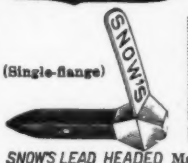

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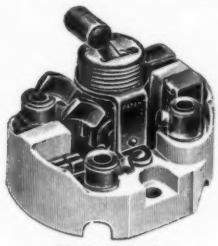

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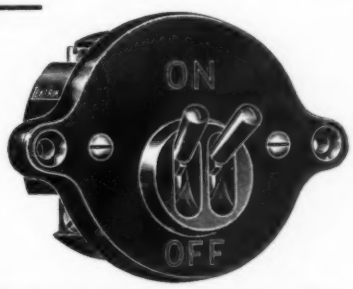

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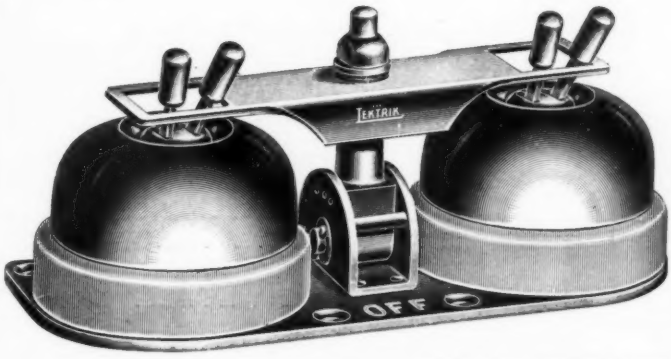

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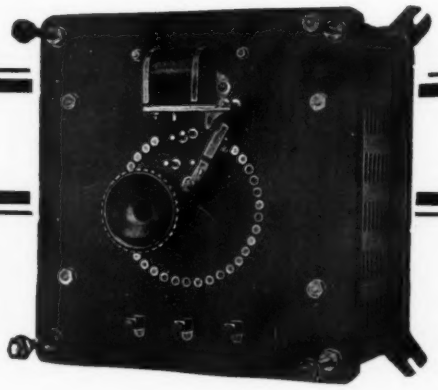

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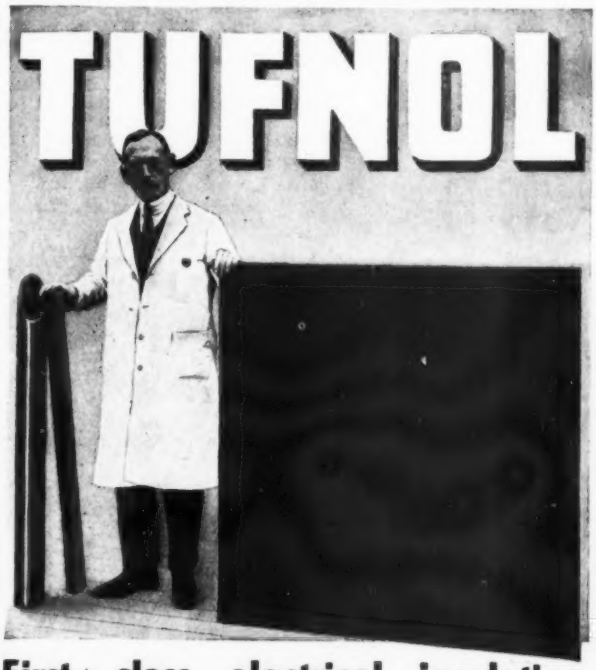

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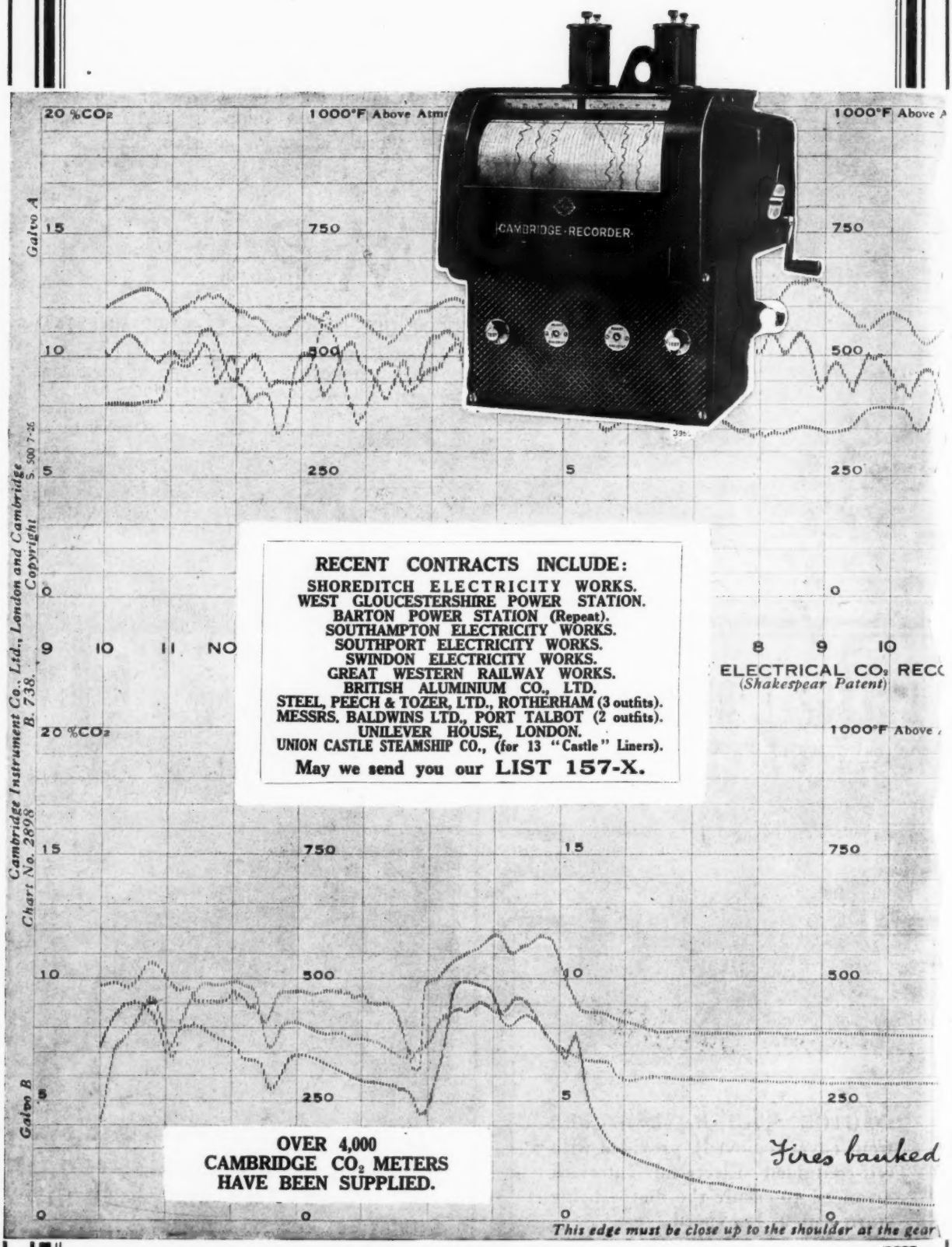

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